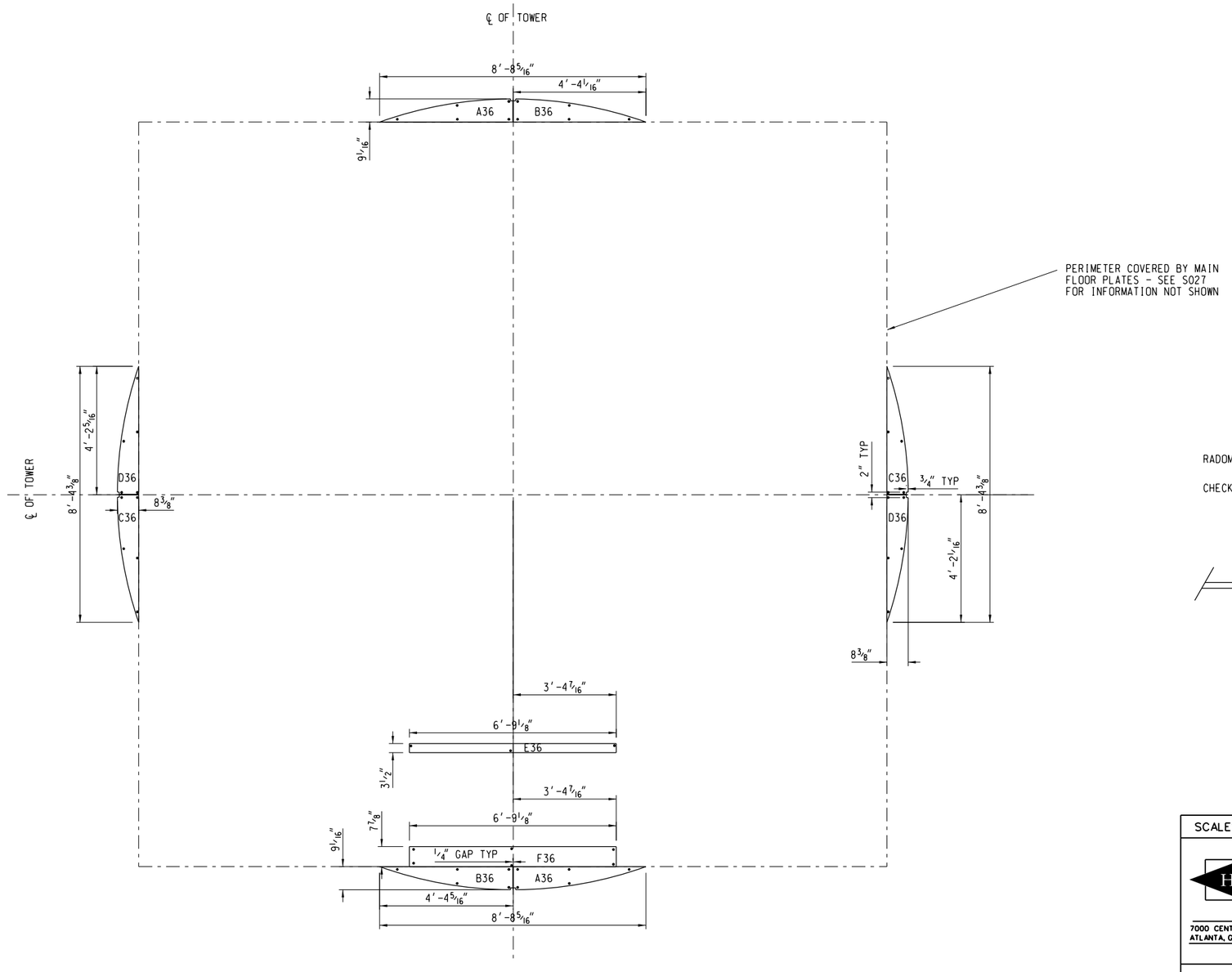
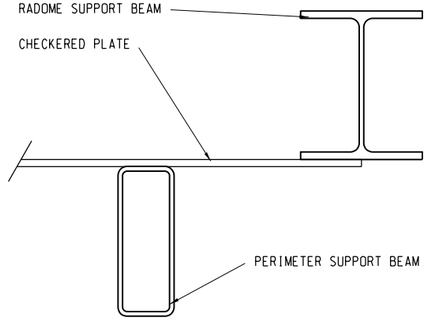
NOTES:

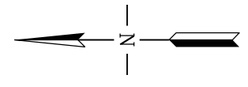
1. MATERIAL: 3/8" CHECKERED PLATE MEDIUM PATTERN.
2. SEE SHEET S000 FOR APPLICABLE NOTES.
3. FINAL FINISH: OVER HOT DIP GALVANIZED BASE, APPLY A NON-SKID COATING USING INTERNATIONAL INTERSEAL 670 MIXED WITH DRY SILICA SAND. COLOR ALUM. GRAY.
4. SEE S036 FOR ADDITIONAL DIMENSIONAL INFORMATION NOT SHOWN

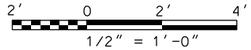


1 / S035 TOP LEVEL EDGE PLATES
SCALE: 1/2″ = 1′-0″



A / S035 SECTION
SCALE: 3″ = 1′-0″





SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

HARTRAMPF

7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328

HEJOB NUMBER: 212042.00

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

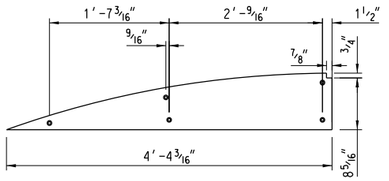
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS EASTERN SERVICE AREA

ATCBI
ATCBI-6
TOP PLATFORM
TREADPLATE LAYOUT

FREEPORT BAHAMAS

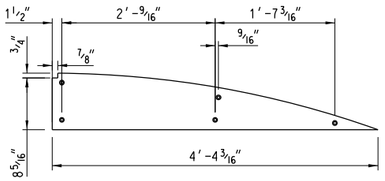
REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

DESIGNED	SNG	ISSUED BY	DATE 4/23/2012	JCN 621767
DRAWN	SNG	ENGINEERING SERVICES SURV/WEATHER	DRAWING NO BHF-D-621767-S035	REV
CHECKED	RAB			



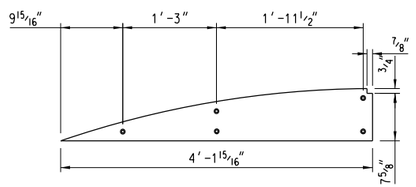
A36 - CHK'D PLATE

A S036 SCALE: 1″ = 1′-0″



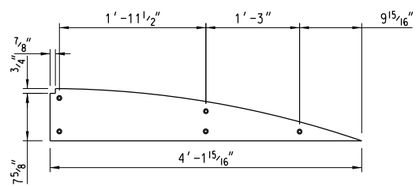
B36 - CHK'D PLATE

B S036 SCALE: 1″ = 1′-0″



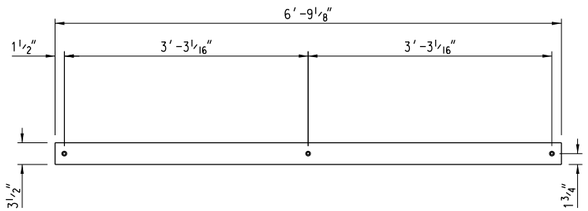
C36 - CHK'D PLATE

C S036 SCALE: 1″ = 1′-0″



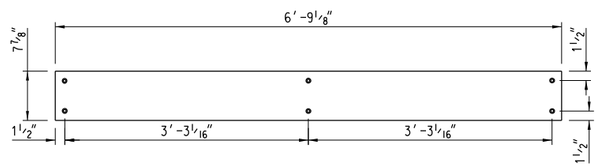
D36 - CHK'D PLATE

D S036 SCALE: 1″ = 1′-0″



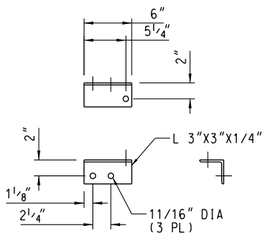
E36 - CHK'D PLATE

E S036 SCALE: 1″ = 1′-0″



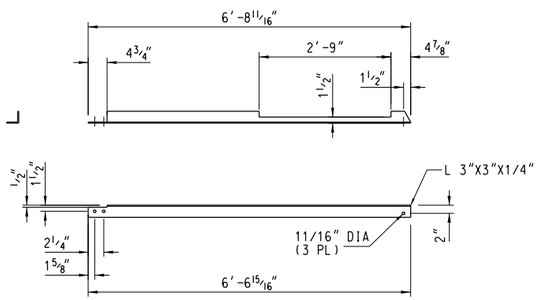
F36 - CHK'D PLATE

F S036 SCALE: 1″ = 1′-0″



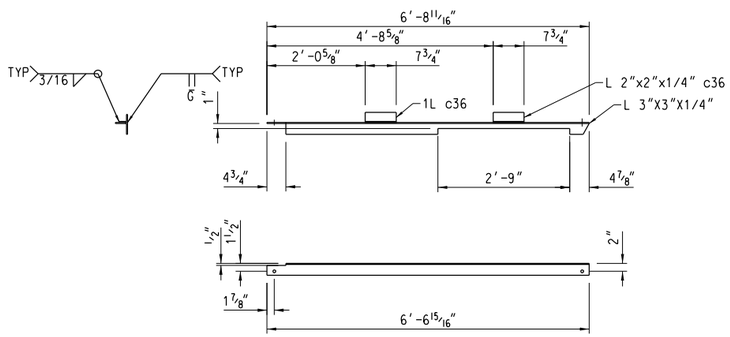
ANGLE AS SHOWN-"A36R" (QTY 1)
ANGLE OPPOSITE-"A36L" (QTY 1)

A S036 NOT TO SCALE



ANGLE AS SHOWN-"D36" (QTY 1)

D S036 NOT TO SCALE



ANGLE AS SHOWN-"B36" (QTY 1)

B S036 NOT TO SCALE

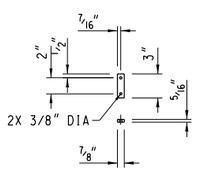
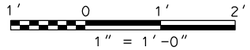


PLATE AS SHOWN-"E36" (QTY 2)

E S036 NOT TO SCALE



SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

HARTRAMPF

7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328

HEI JOB NUMBER: 212042.00

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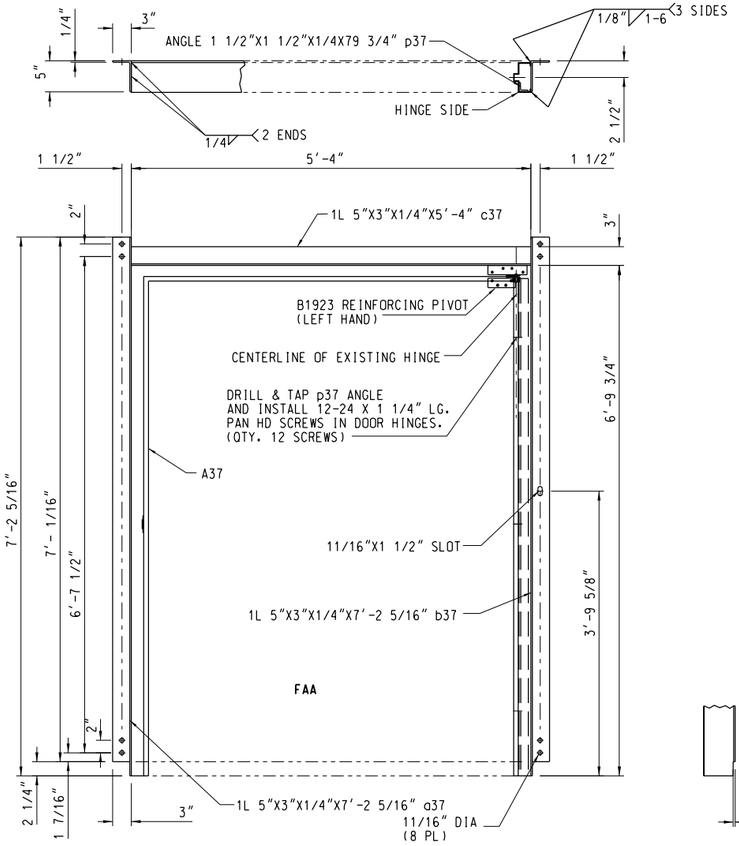
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS — EASTERN SERVICE AREA

ATCBI
ATCBI-6
TOP PLATFORM
TREADPLATE FASTENER & BEAM DETAILS

FREEPORT — BAHAMAS

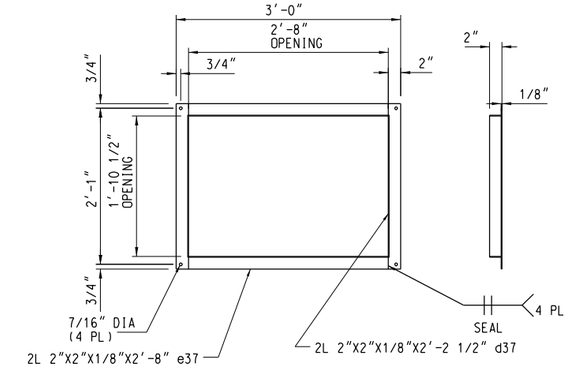
REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

DESIGNED	SNG	ISSUED BY	DATE 4/23/2012	JCN 621767
DRAWN	SNG	ENGINEERING SERVICES SURV/WEATHER	DRAWING NO	REV
CHECKED	RAB		BHF-D-621767-S036	

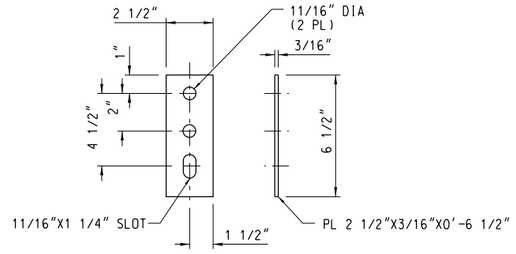


NOTE: 4 1/2" DEPTH, 16 GA GALVANIZED, RIGHT HAND SWING F-16-4, STEELCRAFT

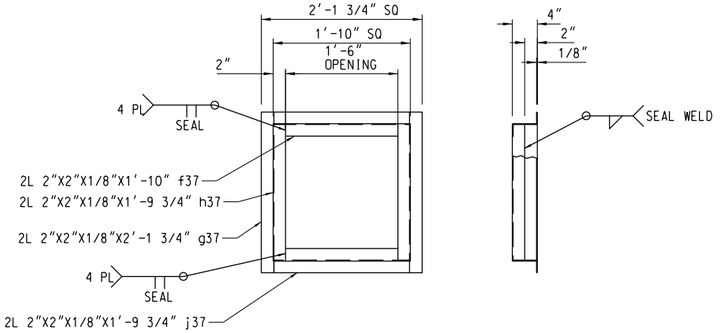
A S037 DOOR FRAME - "A37"
NOT TO SCALE



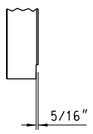
B S037 WAVEGUIDE FRAME-"B37" (QTY 1)
NOT TO SCALE

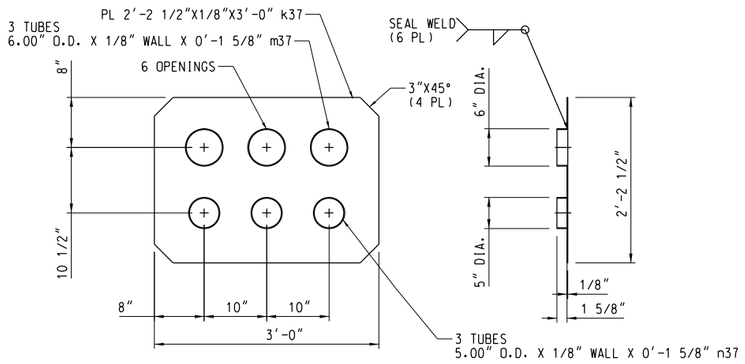


D S037 MOUNTING PLATE-"D37" (QTY 4)
NOT TO SCALE



C S037 LOUVER FRAME-"C37" (QTY 2)
NOT TO SCALE





E S037 WAVEGUIDE PLATE-"E37" (QTY 1)
NOT TO SCALE

PARTS USED ON ASSEMBLY S125

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

HARTRAMPF

7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328

HEJOB NUMBER: 212042.00

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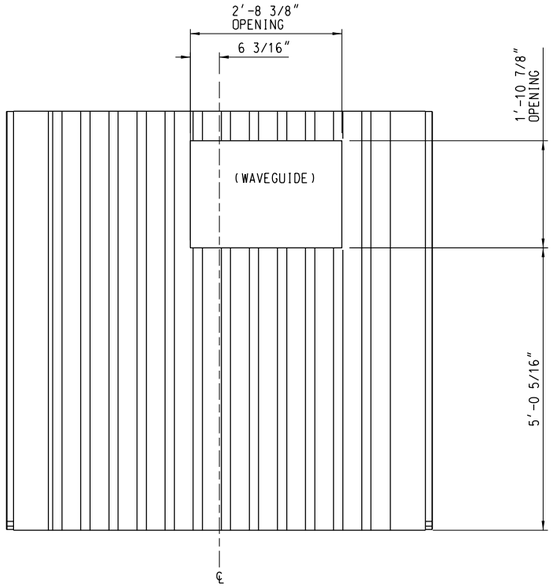
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS — EASTERN SERVICE AREA

ATCBI
ATCBI-6
MEZZANINE LEVEL
ENCLOSURE FRAMING DETAILS

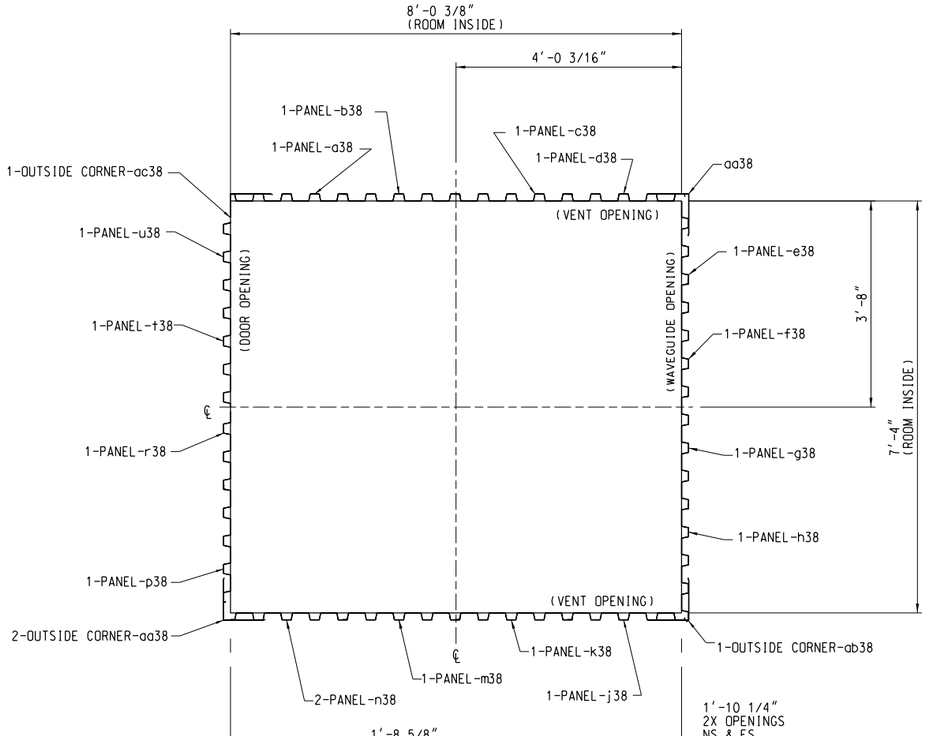
FREEPORT — BAHAMAS

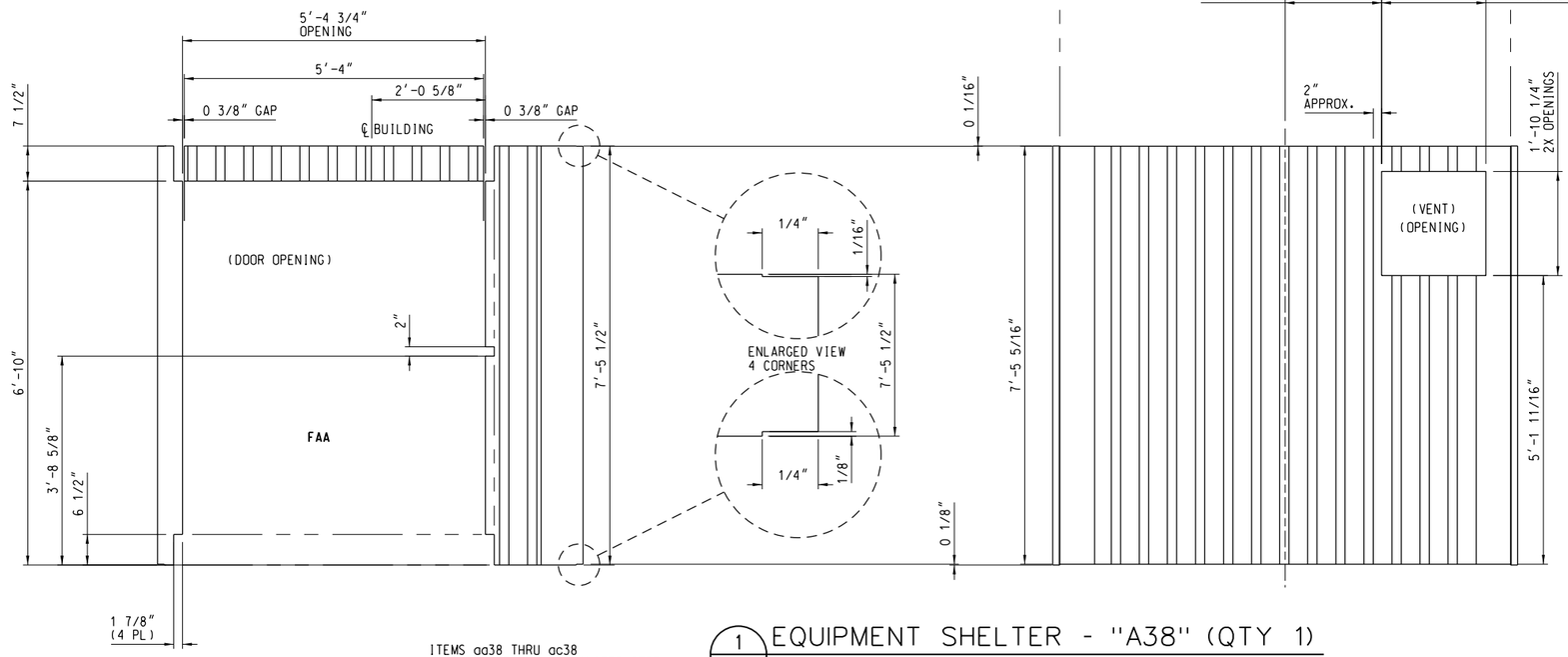
REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

DESIGNED	SNG	ISSUED BY	DATE	4/23/2012	JCN	621767
DRAWN	SNG	ENGINEERING SERVICES SURV/WEATHER	DRAWING NO	BHF-D-621767-S037		REV
CHECKED	RAB					



A S038 VIEW
SCALE: 3/4" = 1'-0"





1 S038 EQUIPMENT SHELTER - "A38" (QTY 1)
SCALE: 3/4" = 1'-0"

ITEMS aa38 THRU ac38
OUTSIDE CORNER, GALVANIZED STEEL
FS-30-7, FLEXOSPAN

ITEMS a38 THRU u38
PANEL, 20 GA. CORRUGATED GALVANIZED STEEL,
1 1/2" DEPTH, 221 LBS/SQ FT ON 48" SUPPORTS
E150-20GA, EPIC

1' 0 1' 2' 3'
3/4" = 1'-0"

A S038

USED ON ASSEMBLY S125

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

HARTRAMPF

7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328

HEI JOB NUMBER: 212042.00

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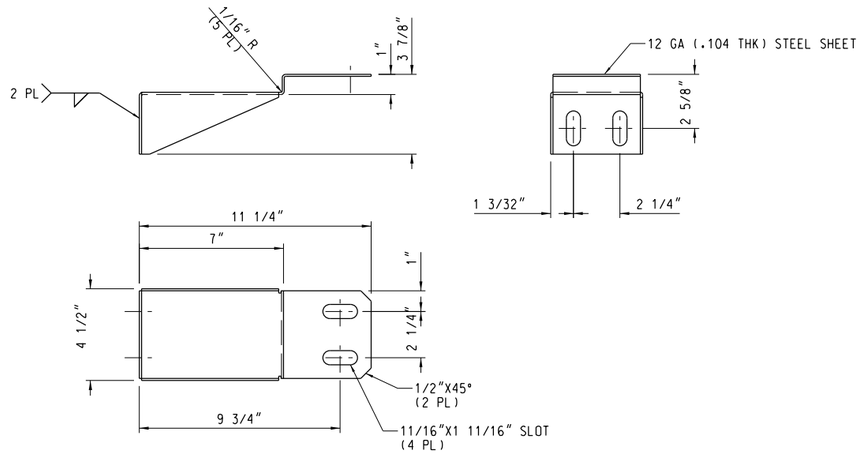
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS EASTERN SERVICE AREA

ATCBI
ATCBI-6
MEZZANINE LEVEL
ENCLOSURE DETAILS

FREEPORT BAHAMAS

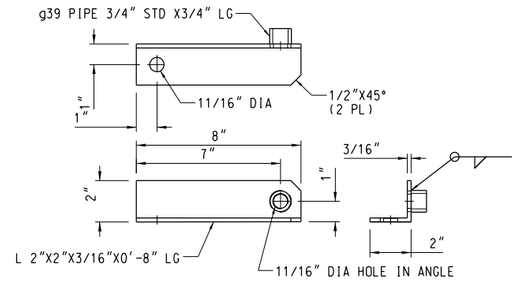
REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

DESIGNED	SNG	ISSUED BY	DATE 4/23/2012	JCN 621767
DRAWN	SNG	ENGINEERING SERVICES SURV/WEATHER	DRAWING NO	REV
CHECKED	RAB		BHF-D-621767-S038	



BRACKETS 10' SECTION - "A39" (QTY 2)
BRACKETS 17' SECTION - "A39" (QTY 2)

A S039 NOT TO SCALE



ANGLE SHOWN-"D39L" (QTY 1)
ANGLE OPPOSITE-"D39R" (QTY 1)

D S039 NOT TO SCALE

NOTE:

1. TOUCH UP BARE METAL USING ZINC RICH PAINT.

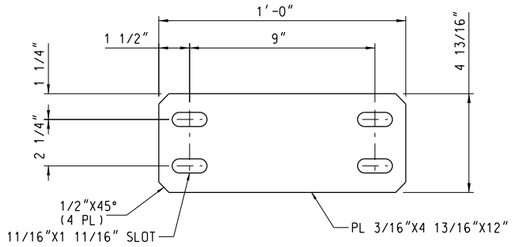
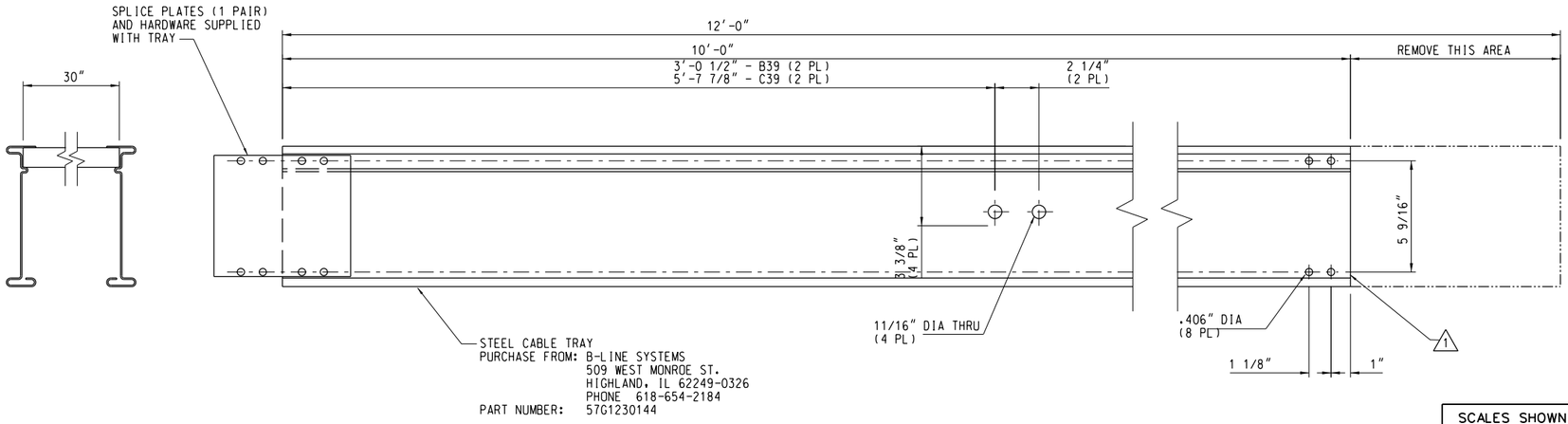


PLATE - "E39" (QTY 2)

E S039 NOT TO SCALE



CABLE TRAY PER 10' SECTION AS NOTED-"B39" (QTY 1)
CABLE TRAY PER 17' SECTION AS NOTED-"C39" (QTY 1)

B S039 C S039 NOT TO SCALE

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

HARTRAMPF

7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328

HEI JOB NUMBER: 212042.00

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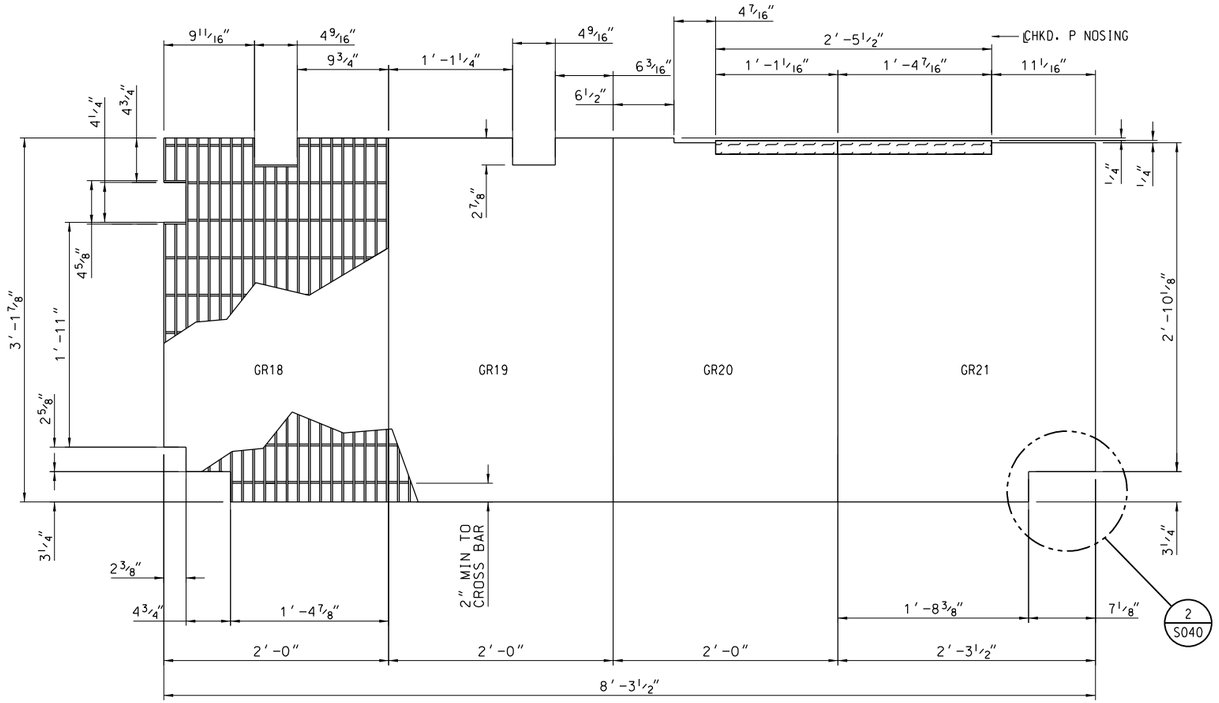
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS — EASTERN SERVICE AREA

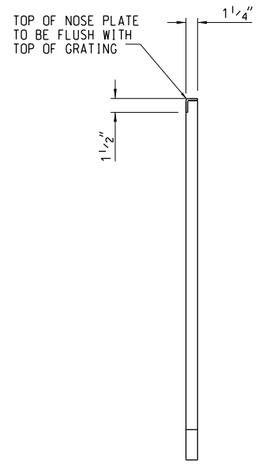
ATCBI
ATCBI-6
TYPICAL LEVEL
CABLE TRAY BEAM DETAILS

FREEPORT — BAHAMAS

REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

DESIGNED	SNG	ISSUED BY	DATE	4/23/2012	JCN	621767
DRAWN	SNG	ENGINEERING SERVICES SURV/WEATHER	DRAWING NO	BHF-D-621767-S039		REV
CHECKED	RAB					

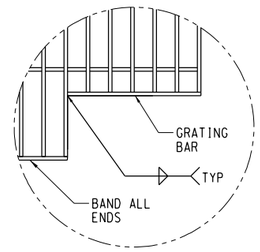




NOTE: GRATING TO BE HOT DIP GALVANIZED PER ASTM A123 AFTER FABRICATION
ONE - GRATING - GR18 ONE - GRATING - GR20
ONE - GRATING - GR19 ONE - GRATING - GR21

MATERIAL: 1 1/4"DEEP X 3/16" BEARING BARS ON 1 3/16" CENTERS BAR GRATING

1 S040 PLATFORM GRATING
NOT TO SCALE



2 S040 TYPICAL CUTOUT REINFORCEMENT
NOT TO SCALE

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

HARTRAMPF

7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328

HEI JOB NUMBER: 212042.00

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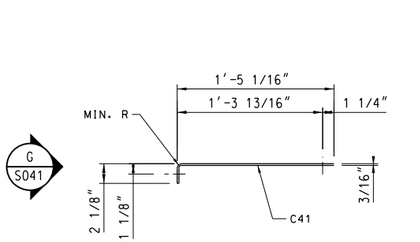
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS EASTERN SERVICE AREA

ATCBI
ATCBI-6
TYPICAL LANDING
GRATING DETAILS

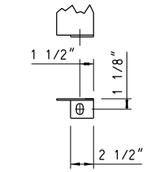
FREEPORT BAHAMAS

REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

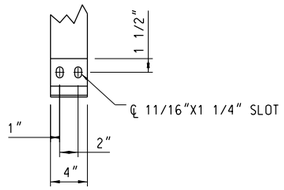
DESIGNED	SNG	ISSUED BY	DATE 4/23/2012 JCN 621767
DRAWN	SNG	ENGINEERING SERVICES SURV/WEATHER	DRAWING NO BHF-D-621767-S040 REV
CHECKED	RAB		

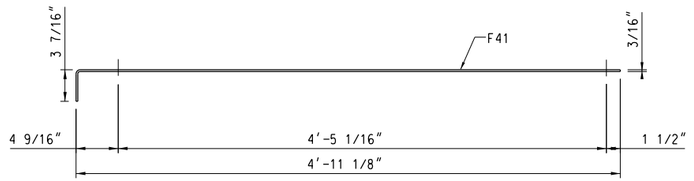


C S041 KICK PLATE - C41
NOT TO SCALE

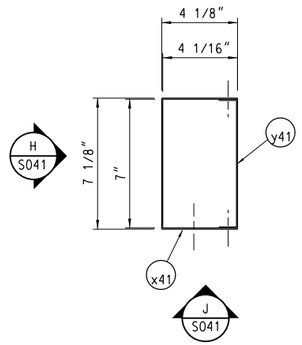


G S041 VIEW
NOT TO SCALE

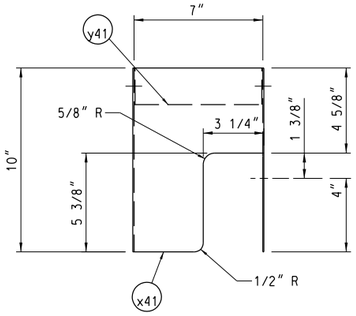




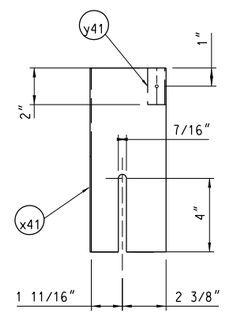
F S041 KICK PLATE - F41
NOT TO SCALE



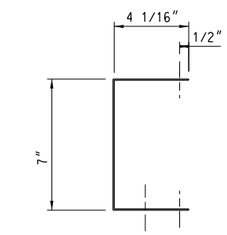
W S041 PLAN VIEW WINCH COVER-"W41"
NOT TO SCALE



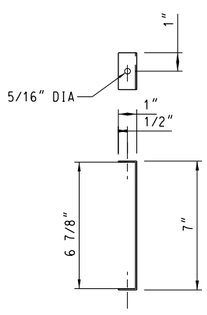
H S041 VIEW
NOT TO SCALE



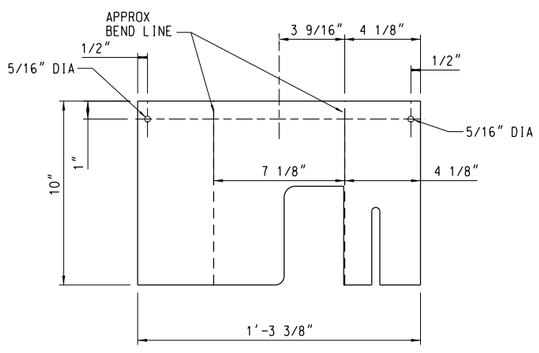
J S041 VIEW (BOLTS TO ITEM H34)
NOT TO SCALE



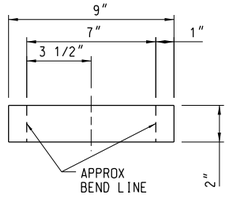
x S041 PLAN ITEM "x41"
NOT TO SCALE



y S041 PLAN ITEM "y41"
NOT TO SCALE



x S041 FLATE PLATE LAYOUT "x41"
NOT TO SCALE



y S041 FLATE PLATE LAYOUT "y41"
NOT TO SCALE

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

HARTRAMPF

7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328

HEI JOB NUMBER: 212042.00

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

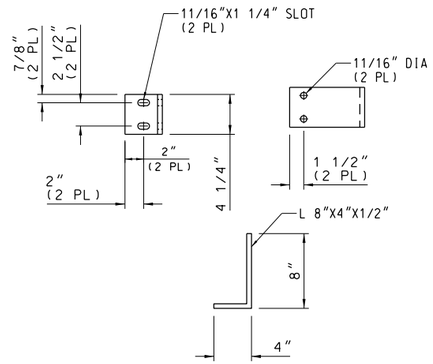
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS — EASTERN SERVICE AREA

ATCBI
ATCBI-6
TYPICAL LEVEL GRATING DETAILS

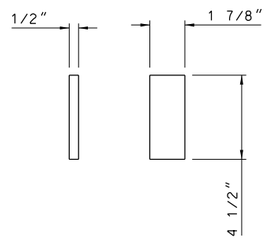
FREEPORT — BAHAMAS

REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

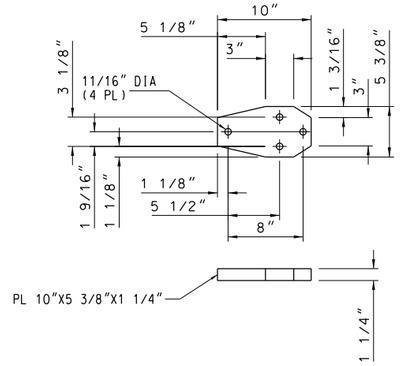
DESIGNED	SNG	ISSUED BY	DATE 4/23/2012	JCN 621767
DRAWN	SNG	ENGINEERING SERVICES SURV/WEATHER	DRAWING NO	REV
CHECKED	RAB		BHF-D-621767-S041	



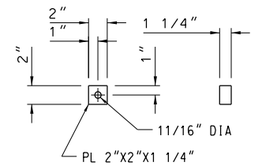
A S042 ANGLE AS SHOWN-"A42" (QTY 2)
NOT TO SCALE



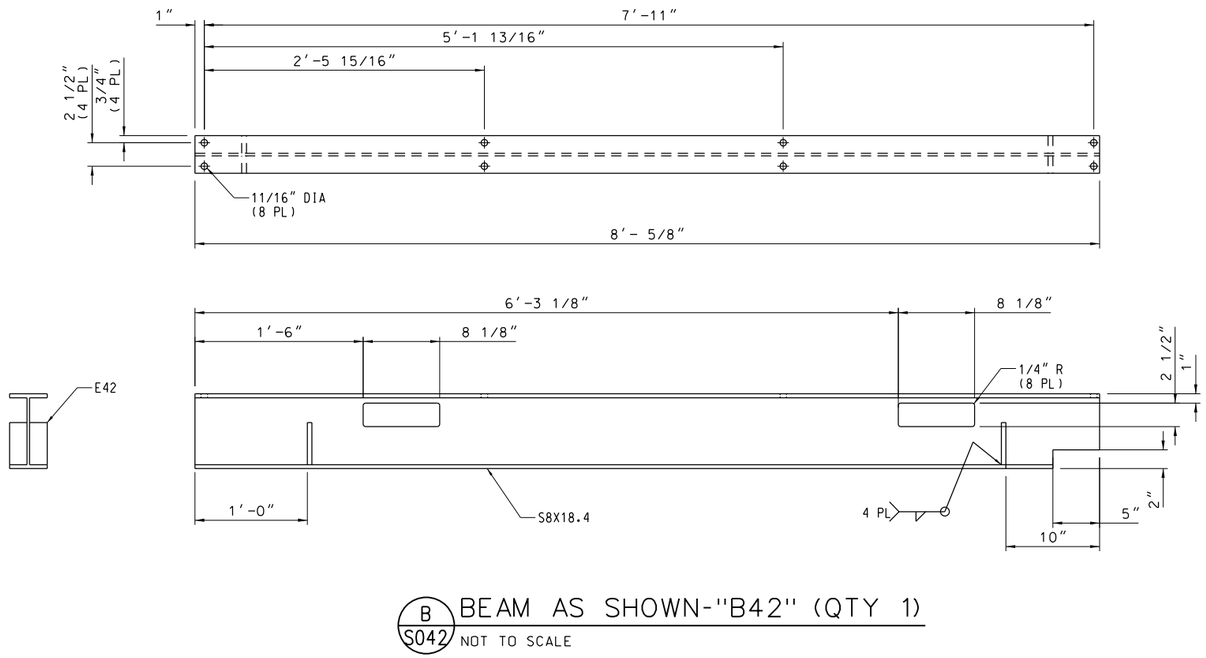
E S042 PLATE AS SHOWN-"E42" (QTY 4)
NOT TO SCALE



C S042 PLATE AS SHOWN-"C42" (QTY 1)
NOT TO SCALE



D S042 PLATE AS SHOWN-"D42" (QTY 4)
NOT TO SCALE



B S042 BEAM AS SHOWN-"B42" (QTY 1)
NOT TO SCALE

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

HARTRAMPF
7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328

HEI JOB NUMBER: 212042.00

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

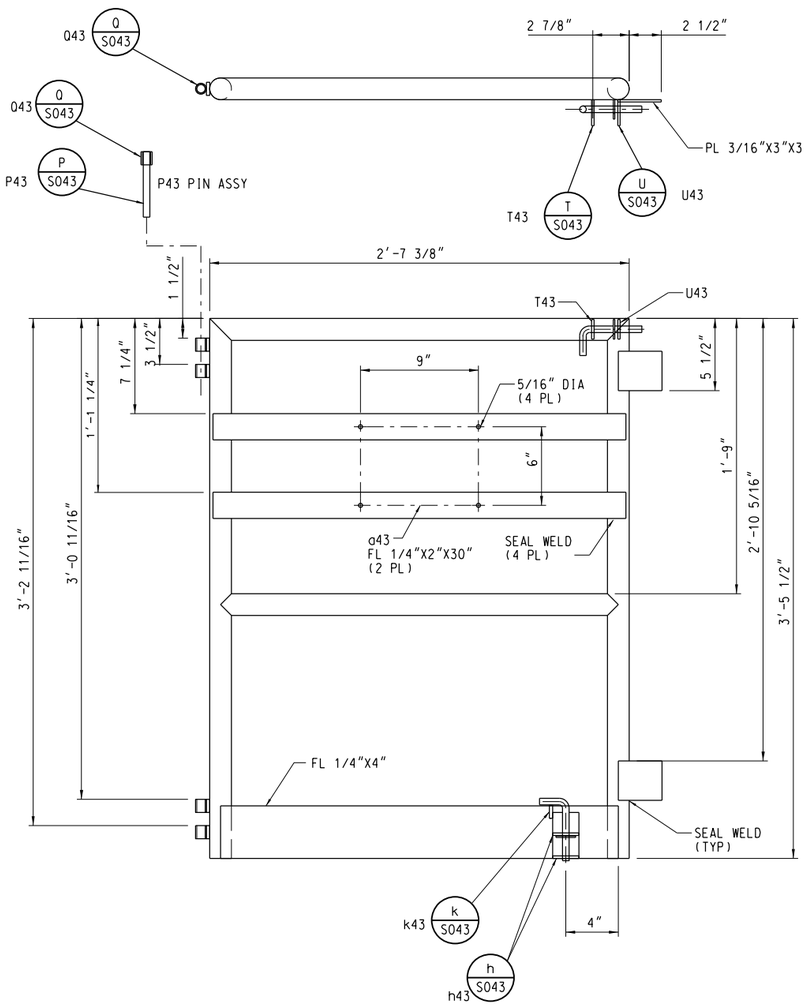
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS — EASTERN SERVICE AREA

ATCBI
ATCBI-6
MEZZANINE LEVEL
HOIST BEAM DETAILS

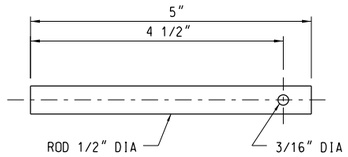
FREEPORT — BAHAMAS

REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

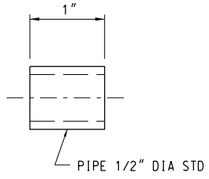
DESIGNED	SNG	ISSUED BY: ENGINEERING SERVICES SURV/WEATHER	DATE 4/23/2012 — JCN 621767
DRAWN	SNG		DRAWING NO BHF-D-621767-S042 — REV
CHECKED	RAB		



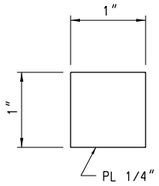
A S043 GATE - "A43" (QTY 1)
NOT TO SCALE



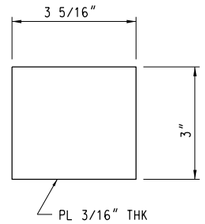
P S043 ROD - "P43"
NOT TO SCALE



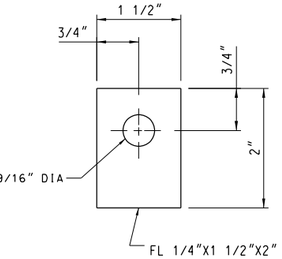
Q S043 PIPE - "Q43"
NOT TO SCALE



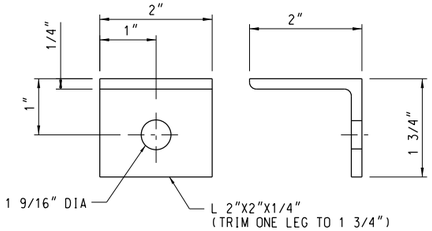
R S043 PLATE - "R43"
NOT TO SCALE



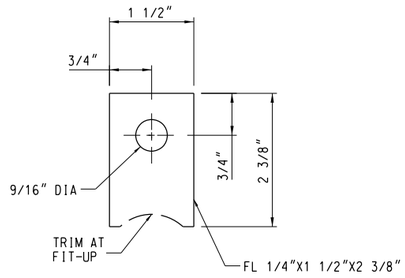
S S043 PLATE - "S43"
NOT TO SCALE



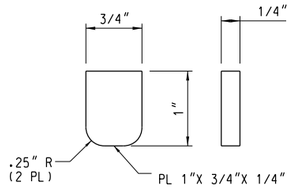
U S043 PLATE - "U43"
NOT TO SCALE



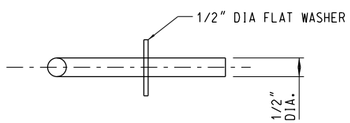
h S043 ANGLE - "h43"
NOT TO SCALE

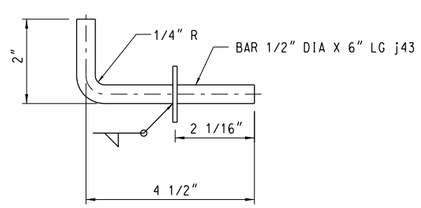


T S043 PLATE - "T43"
NOT TO SCALE



k S043 PLATE - "k43"
NOT TO SCALE





J S043 BAR - "j43" (QTY 2)
NOT TO SCALE

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

HARTRAMPF

7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328

HEI JOB NUMBER: 212042.00

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

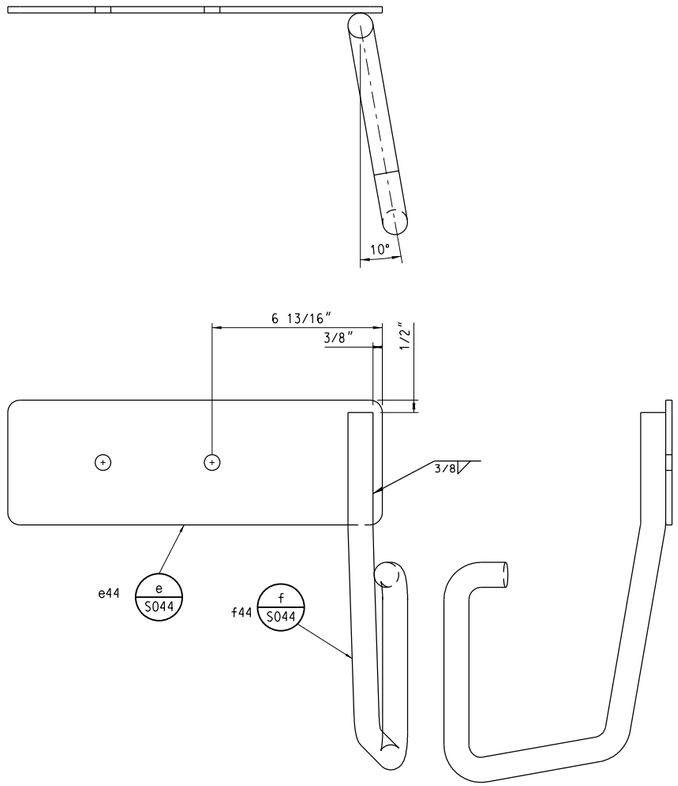
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS — EASTERN SERVICE AREA

ATCBI
ATCBI-6
MEZZANINE LEVEL
GATE DETAILS

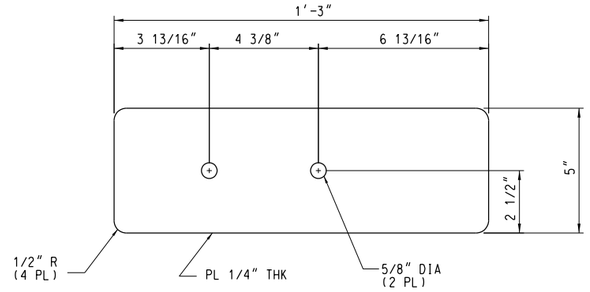
FREEPORT — BAHAMAS

REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

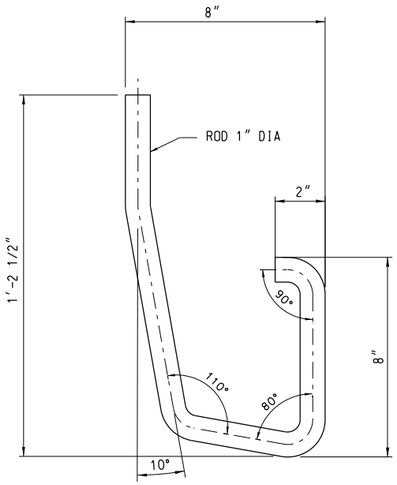
DESIGNED	SNG	ISSUED BY	DATE 4/23/2012	JCN 621767
DRAWN	SNG	ENGINEERING SERVICES SURV/WEATHER	DRAWING NO	REV
CHECKED	RAB		BHF-D-621767-S043	



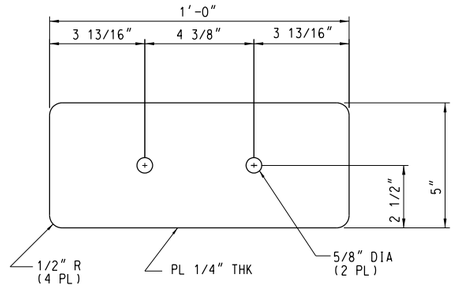
E S044 ASSEMBLY - "E44"
NOT TO SCALE



e S044 PLATE - "e44" (QTY 1)
NOT TO SCALE

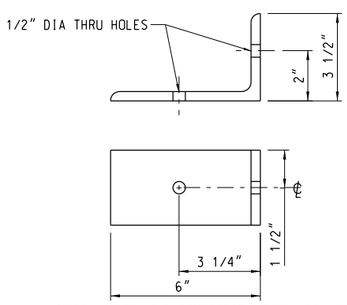


f S044 ROD - "f44"
NOT TO SCALE



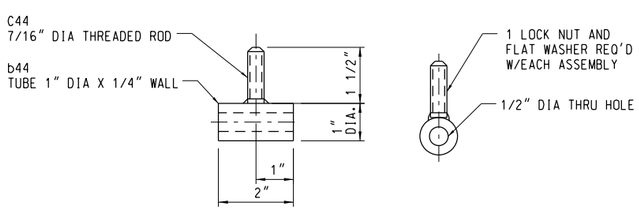
F S044 PLATE - "F44" (QTY 1)
NOT TO SCALE

FINISH:
HOT DIP GALVANIZED



NOTE: THIS IS A CONTRACTOR SUPPLIED ITEM.

D S044 BRACKET - "D44" (QTY 2)
NOT TO SCALE



NOTE: THIS IS A CONTRACTOR SUPPLIED ITEM.

B S044 ASSY "B44" (QTY 2)
NOT TO SCALE

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

HARTRAMPF

7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328

HEJOB NUMBER: 212042.00

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS — EASTERN SERVICE AREA

ATCBI
ATCBI-6
TYPICAL
HANDRAIL DETAILS

FREEPORT — BAHAMAS

REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

DESIGNED	SNG	ISSUED BY	DATE	4/23/2012	JCN	621767
DRAWN	SNG	ENGINEERING SERVICES SURV/WEATHER	DRAWING NO	BHF-D-621767-S044		REV
CHECKED	RAB					

BILL OF MATERIAL

PCS	DESCRIPTION	LENGTH FT	LENGTH INS	MARK	REMARKS	WT+3 1/2% GALV.
MAT'L REQ'D FOR ONE 17FT. (TOP) SECTION						
16	1 1/2"] ROD	4	0	A1	GALV.	397.9
16	1 1/2"] CUT WASHER					6.4
32	1 1/2"] HEX NUTS					33.8
4	L 6x6x5/8	2	10 1/8	B1		285.0
4	PL 16x1 1/8	1	4	a1		337.0
4	PL 19 1/4x1/2	1	7 1/4	b1		123.5
4	PL 13 1/2x1/2	1	2 5/8	c1		86.9
4	PL 5 3/8x1/2	1	2 5/8	d1		34.6
	1/4" WELD	13	0			3.0
	3/8" WELD	25	0			12.5
4	PL 5 1/2x1/2	0	10	e1		
2	5/8"] ROD	1	0	C1	GALV.	2.2
2	5/8"] CUT WASHER					.2
4	5/8"] HEX NUTS					.4
1	L 3x3x3/16	7	9 5/8	A6R		30.4
1	L 3x3x3/16	7	9 5/8	A6L		30.4
1	L 3x3x3/16	7	9 5/8	B6R		30.4
1	L 3x3x3/16	7	9 5/8	B6L		30.4
1	C 6x8.2	24	0	C6		203.7
1	C 6x8.2	24	0	D6		203.7
1	C 6x8.2	24	0	E6		203.7
1	C 6x8.2	24	0	F6		203.7
8	PL 4x3/8	0	6	N6		21.1
4	PL 20x3/8	1	10 1/4	G6		195.3
4	PL 20x3/8	1	10 1/4	H6		146.3
1	PL 20x3/8	1	10 1/4	H6a		48.8
8	L 3 1/2x2 1/2x1/4	9	5 5/8	J6R		384.2
8	L 3 1/2x2 1/2x1/4	9	5 5/8	J6L		384.2
1	L 3x2x1/4	7	3 7/8	K6R		62.1
1	L 5x3 1/2x5/16	0	3	b6		4.4
	3/16" WELD	2	0			.3
1	L 3x2x1/4	7	3 7/8	K6L		31.1
1	L 5x3 1/2x5/16	0	3	b6		2.2
	3/16" WELD	1	0			.2
1	L 3x2x1/4	7	3 7/8	M6R		31.1
1	L 5x3 1/2x5/16	0	3	b6		4.4
	3/16" WELD	1	0			.3
1	L 3x2x1/4	7	3 7/8	M6L		62.1
2	L 5x3 1/2x5/16	0	3	b6		4.4
	3/16" WELD	1	0			.3
1	C 6x8.2	9	2 1/2	C7		78.2
1	C 6x8.2	9	2 1/2	F7		78.2
3	PL 18 5/8x3/8	1	10 5/8	G7		184.9
6	L 5x3x1/4	0	2 1/4	L7		
1	C 6x8.2	3	10 1/2	H7		32.8
31	L 3x3x1/4	0	4 1/2	J7		41.3
1	L 5x2 1/2x1/4	0	4 1/2	K7	CUT L 5x3x1/4	2.5
1	C 6x8.2	7	10 1/2	M7		66.8
28	L 5x3x1/4	0	4 1/2	N7		73.3
1	C 6x8.2	7	10 3/8	P7		66.7
1	L 5x3x1/4	0	4 1/2	AA7		5.5
1	C 6x8.2	6	10	S7		58.0
1	C 6x8.2	8	10 7/8	T7		75.6
1	C 6x8.2	7	10 1/8	V7R		66.5
1	C 6x8.2	7	10 1/8	V7L		66.5
1	NAME PLATE 2 3/16x5" LONG					
1	C 6x8.2	7	10 1/8	A8		66.5
1	C 6x8.2	7	10 1/8	B8		66.5
3	PL 4 1/2x1/4	1	8	J8		19.8
2	L 3x3x3/16	10	7 7/8	K8R		81.8
2	PL 4 7/8x1/4	0	7 1/4	b8		5.2
	3/16" WELD	2	0			.3
1	L 3x3x3/16	10	7 7/8	K8L		40.9
1	PL 4 7/8x1/4	0	7 1/4	b8		2.6
	3/16" WELD	1	0			.2

BILL OF MATERIAL

PCS	DESCRIPTION	LENGTH FT	LENGTH INS	MARK	REMARKS	WT+3 1/2% GALV.
1	L 2x2x3/16	10	11 3/4	M8		27.7
2	L 2x2x3/16	5	4 1/2	N8		27.1
1	PL 5 1/4x3/8	0	7 1/4	P8		4.2
1	L 2x2x3/16	10	11 1/8	S8		55.2
1	L 2x2x3/16	5	4 1/8	T8		26.9
1	L 2x2x3/16	5	4 1/8	V8		26.9
1	PL 5 1/4x3/8	0	7 1/4	W8		8.4
1	L 2x2x3/16	10	4	AA8		26.1
1	L 2x2x3/16	4	10 3/4	AB8R		12.3
1	L 2x2x3/16	4	10 3/4	AB8L		12.3
1	PL 8 1/8x3/8	0	8 3/4	AC8		7.8
1	L 3x3x3/16	9	8 1/4	AD8		37.2
1	HSS 8x3x1/4	23	10	A9		283.6
1	L 2 1/2x2 1/2x1/4	0	4 3/8	a9		2.7
1	L 2 1/2x2 1/2x1/4	1	11 1/2	b9		21.2
1	L 2 1/2x2 1/2x1/4	0	7 3/4	c9		24.4
	3/16" WELD	6	0			.9
	1/8" WELD	17	0			1.4
2	L 2X2X1/4	0	7 3/4	d9		
1	HSS 8x3x1/4	23	10	B9		283.6
1	L 2 1/2x2 1/2x1/4	0	4 3/8	a9		2.7
2	L 2 1/2x2 1/2x1/4	1	11 1/2	b9		21.2
6	L 2 1/2x2 1/2x1/4	0	7 3/4	c9		48.8
4	PL 2 1/16X3/8	0	7 9/16	e9		48.8
	3/16" WELD	8	0			1.2
	1/8" WELD	25	0			2.0
1	L'S 2 1/2x2 1/2x1/4	0	2 1/2	a9		1.8
1	HSS 8X3X1/4	23	10	C9R		283.6
1	HSS 8X3X1/4	23	10	C9L		283.6
4	L 6x4x1/2	2	9 5/8	D9		187.8
16	L 2 1/2x2x1/4	10	1	E9		604.3
8	L 2 1/2x2x1/4	10	3 3/8	F9		308.1
16	L 2 1/2x2x1/4	5	0	G9		299.7
8	L 3X3X1/4	7	5	H9R		389.2
8	L 3X3X1/4	7	5	H9L		389.2
4	PL 10 3/8x3/8	0	10 3/8	J9		47.2
1	L 2 1/2x2x1/4	5	10	K9R		27.8
1	L 2 1/2x2x1/4	5	10	K9L		27.8
1	L 2 1/2x2x1/4	7	5	H9a		27.8
2	C 8X11.5	23	11 1/4	A10		406.4
4	PL 5 1/4x3/8	0	8	a10		13.8
	3/16" WELD	5	0			.8
4	L5X5X5/16	17	0	B10		134.9
2	PL 5 1/4x3/8	0	6	a10		6.9
1	PL 6X1/2	2	7	b10		
	3/16" WELD	3	0			.5
1	C 8X11.5	7	10 3/4	F10R		68.3
3	L 2 1/2x2 1/2x1/4	2	0	d10R		5.2
	3/16" WELD	1	0			.2
1	C 8X11.5	7	10 3/4	F10L		68.3
3	L 2 1/2x2 1/2x1/4	2	0	d10L		5.2
	3/16" WELD	1	0			.2
1	C 8X11.5	8	10 7/8	G10L		226.6
2	C 8X11.5	8	10 7/8	G10R		226.6
2	C 8X11.5	5	10 1/8	M10L		99.1
2	C 8X11.5	6	6	M10R		
8	L 2 1/2X2X1/4	7	9 1/8	T10		66.8
						66.6
1	C 8X11.5	7	11 5/16	A11		66.6
1	C 8X11.5	7	11 5/16	B11		66.6
1	C 8X11.5	7	11 1/16	AE11R		
1	C 8X11.5	7	11 1/16	AE11L		

BILL OF MATERIAL

PCS	DESCRIPTION	LENGTH FT	LENGTH INS	MARK	REMARKS	WT+3 1/2% GALV.
1	L 3 1/2x3 1/2x1/4	9	8	E11R		108.0
1	PL 4 7/8x3/8	0	8	d11		8.6
2	PL 5 1/4x3/8	0	5 7/8	e11		6.8
	3/16" WELD	4	0			.6
2	L 3 1/2x3 1/2x1/4	9	8	E11L		54.0
1	PL 4 7/8x3/8	0	8	d11		4.5
1	PL 5 1/4x3/8	0	5 7/8	e11		3.4
	3/16" WELD	2	0			.3
1	L 2x2x3/16	11	1	F11L		28.0
1	L 2x2x3/16	11	1	F11R		28.0
2	L 2x2x3/16	5	2	G11		26.1
2	L 2x2x3/16	5	5	H11		27.4
1	L 2x2x3/16	9	0 3/8	J11		45.6
2	L 2x2x3/16	4	4	K11R		21.9
2	L 2x2x3/16	4	4	K11L		21.9
1	PL 5 3/8x3/16	0	10 1/4	M11		6.1
2	PL 6 1/2x3/16	0	7 5/8	N11		5.4
6	L 3x2 1/2x1/4	10	1 1/4	P11		376.5
2	L 2 1/2x2x1/4	7	7 3/8	S11AR		54.6
2	L 2 1/2x2x1/4	7	7 3/8	S11AR		54.6
3	PL 16x3/8	1	4 1/4	V11		114.4
4	PL 10 1/2x3/8	1	0 5/8	W11		58.2
2	PL 12 7/8x3/8	1	1	AA11		36.9
8	PL 13 7/8x3/8	1	4 3/4	AB11		204.1
4	PL 10 7/8x3/8	1	1 3/4	AC11		65.4
4	PL 12 1/4x3/8	1	0 1/2	AD11		67.3
4	L 4x4x5/16	13	1	A12		444.0
8	PL 6x3/8	2	7	a12		163.4
	1/4" WELD	21	0			5.3
1	ANTENNA SUPPORT PLATFORM					
2	W10x60	7	11 3/4	B12		
	W10x45			A12		
2	W10x45	3	8 5/8	J12		
				N12		
		7	11 3/4	b12		991.1
2	L'S 6x6x3/8	0	5 1/2	c12		47.6
1	W 10x45	4	1 1/2	D12		191.9
1	W 10x54	4	1 1/2	E12		230.3
1	PL 4 3/4x3/8	0	8 7/8	f12		9.3
1	C 10x15.3	2	2	g12		34.4
1	L 3x3x5/16	0	5 1/2	h12		2.9
1	PL 3 3/4x3/8	0	8 7/8	K12		14.6
2	PL 7 1/2x1/2	0	8 5/8	m12		19.1
1	PL 48x1/4	8	8 3/8	n12		367.4
22	1/2"] FLAT HEAD MB	0	1 3/4	W/HEX HD & HEX NUTS		4.2
22	GALV. CUT WASHER 1/2"]					.8
22	GALV. PALNUTS 1/2"]					.2
	1/4" WELD	101	0			25.3
2	CHK'D P 26x1/4	8	8 3/8	C12		438.6
				P13P		
4	PL 1/2X2	0	7 1/2	b13		8.3
4	PL 1/2X2	0	7	C13		121.2
4	L2X2X3/16	0	1 1/2	e13-P		
	1/8" WELD	3	0			.2
	FL 3/16X4	0	8 1/8	X13		
	FL 3/16X4	0	9	Y13		
4	L 4X4X1/4			d13		

BILL OF MATERIAL

PCS	DESCRIPTION	LENGTH FT	LENGTH INS	MARK	REMARKS	WT+3 1/2% GALV.

CONTINUED ON DWG. BHF-D-621767-S047

TOTAL WEIGHT THIS SHEET 00,000.0

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

HARTRAMPF
7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328
HEI JOB NUMBER: 212042.00

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS EASTERN SERVICE AREA

ATCBI
ATCBI-6
MATERIAL SCHEDULE

FREEPORT BAHAMAS

REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

DESIGNED	SNG	ISSUED BY	DATE 4/23/2012	JCN 621767
DRAWN	SNG	ENGINEERING SERVICES SURV/WEATHER	DRAWING NO BHF-D-621767-S045	REV
CHECKED	RAB			

BILL OF MATERIAL

PCS	DESCRIPTION	LENGTH FT	LENGTH INS	MARK	REMARKS	WT+3 1/2% GALV.
CONTINUED FROM DWG SOSD-D-ASR-S040						
				T14-P	PIPE 1 1/4 STD	
	L5X3X5/16			f14		
				N14-P	PIPE 1 1/4 STD	
2	PL 1/4X4 1/2X5 1/2	0	4 1/2	m14		
	1/8" WELD	4	0			0.3
				U14-P		
1	PL 1/2X2			c13		
1	PL 1/2x7 1/2	0	3	h14		
	1/8" WELD	1	0			0.1
1	PL 4X3/16	2	2 1/16	Y14		
	1/8" WELD	1	0			0.1
				W14-P	PIPE 1 1/4 STD	
				X14-P	PIPE 1 1/4 STD	
32	L 3X3X1/4	0	4 3/4	A15L		
32	L 3X3X1/4	0	4 3/4	A15R		
2	L 3X3X1/4	0	6 1/4	B15L		
1	L 3X3X1/4	0	6 1/4	B15R		
3	L 2 1/2x3X1/4	3	11 15/16	C15L		
2	L 2 1/2x3X1/4	3	11 15/16	C15R		
1	L 2 1/2x3X1/4	3	11 9/16	D15L		
1	L 2 1/2x3X1/4	3	11 9/16	D15R		
1	L 2 1/2x3X1/4	3	0	d15		
5	L 2 1/2x3X1/4	3	11 1/4	E15L		
4	L 2 1/2x3X1/4	3	11 1/4	E15R		
1	L 2 1/2x3X1/4	3	9 1/4	F15L		
1	L 2 1/2x3X1/4	3	9 1/4	F15R		
4	L 5X5X5/16	0	4	G15L		
4	L 5X5X5/16	0	4	G15R		
1	L 2 1/2x3X1/4	3	11 1/8	H15L		
1	L 2 1/2x3X1/4	3	11 1/8	H15R		
1	M 8X6.5	7	6 5/8	J15L		
1	M 8X6.5	7	6 5/8	J15R		
1	L 3X3X3/16	7	3 1/2	j15L		
1	L 3X3X3/16	7	3 1/2	j15R		
2	L 4X4X1/4	0	4 1/4	K15L		
2	L 4X4X1/4	0	4 1/4	K15R		
2	L 2 1/2x3X1/4	4	0 1/16	L15		
1	L 2 1/2x3X1/4	3	9 1/4	M15L		
1	L 2 1/2x3X1/4	3	9 1/4	M15R		
1	L 2 1/2x3X1/4	3	0	m15		
1	L 2 1/2x3X1/4	3	11 11/16	N15L		
1	L 2 1/2x3X1/4	3	11 11/16	N15R		
1	L 2 1/2x3X1/4	3	0	n15		
1	C 8x11.5	8	10 7/8	R15		
2	L 2 1/2x3X1/4	0	8	a15		
1	L 2 1/2x2 1/2X1/4	1	10	b15		
1	FL 3/16X2 1/2	0	7	c15		
1	C 8x11.5	10	3 11/16	A16L		
1	L 3x3x1/4	0	11 7/8	a16L		0.9
1	L 3x3x1/4	1	0	b16L		4.3
	1/8" WELD	2	0			0.2
1	C 8x11.5	10	3 11/16	A16R		116.8
1	L 3x3x1/4	0	11 7/8	a16R		0.9
1	L 3x3x1/4	1	0	b16R		4.3
	1/8" WELD	2	0			0.2
1	PL 4X3/16	2	4	C16		22.4
9				TR1		
8				TR2		
2				TR4		
1	C 8x11.5	9	1 15/16	A17L		
1	L 5x3x5/16	0	3			
1	L 3x3x1/4	1	0 1/8			
	1/8" FILLET WELD	2	0			
1	C 8x11.5	9	1 15/16	A17R		
1	L 5x3x5/16	0	3			
1	L 3x3x1/4	1	0 1/8			
	1/8" FILLET WELD	2	0			
				B17L-P		
2	FL 1/2X2 1/2	0	10 9/16	b4		
1	FL 1/2X2 1/2	0	8	b17		
				B17R-P		
2	FL 1/2X2 1/2	0	10 9/16	b4		
1	FL 1/2X2 1/2	0	8	b17		
1	L 2 1/2X2 1/2X1/4	0	2 1/2	c17		

BILL OF MATERIAL

PCS	DESCRIPTION	LENGTH FT	LENGTH INS	MARK	REMARKS	WT+3 1/2% GALV.
	ONE FRAME			A18		
1	L 1 1/2x1 1/2x1/8	6	4 7/8	a18R		
1	L 1 1/2x1 1/2x1/8	8	5 11/15	b18R		9.2
1	L 1 1/2x1 1/2x1/8	5	8 1/16	c18R		0.6
1	3/4 #9 67 3/4X78 1/4			d18R		5.4
	1/8" FILLET WELD	11	0			1.2
	DOOR FRAME			A19		0.9
	L 1 1/2x1 1/2x1/8	6	10	c19		
1	L 1 1/2X1 1/2X1/8	2	4	b19		
1	SCREEN #9 1 1/2X3 1/4	5	5	e19		
1	L 1 1/2X1 1/2X1/8	1	4	w19		
1	L 1 1/2X1 1/2X1/8	1	10	y19		
1	SCREEN #9 21X16	2	4	z19		
4	BAR 2X1/4	0	6	G19		
8	BAR 2X1/4	0	5 1/4	H19		
4	BAR 2X1/4	0	3 9/16	J19		
2	BAR 2X1/4	0	6 7/8	K19		
4	BAR 2X1/4	0	13 5/8	M19		
1	L 2X2X3/16	0	4	P19		
	L 1X1 1/4X3/16			u19		
	PL 2X10X3/16			v19		
3	C 6X8.2	3	10 15/16	A20		
1	C 6X8.2	7	10 7/8	B20		
2	L 2 1/2X2 1/2X1/4	0	6	r6		
1	C 6X8.2	9	2 1/2	E20		
1	L 3X3X3/16	7	11 5/8	a20		
1	BAR 3X3/16	7	7 11/16	b20		
4	P 5X5 1/4X1/4			c20		
1	C 6X8.2	9	2 1/2	F20		
1	L 3X3X3/16	7	11 5/8	a20		
1	BAR 3X3/16	7	7 11/16	b20		
4	P 5X5 1/4X1/4			c20		
1				A21		
	L 2 1/2X2 1/2X1/4	0	6	r6		
1				B21		
	L 2 1/2X2 1/2X1/4	0	6	r6		
1				C21		
	L 2 1/2X2 1/2X1/4	0	6	r6		
2				D21		
	L 2 1/2X2 1/2X1/4	0	6	r6		
2				E21		
	L 2 1/2X2 1/2X1/4	0	6	r6		
2	L 2X2X3/16	8	9 1/2	F21		
2	L 3X3X1/4	7	11 5/8	G21		
2	PL 3/8X6X3 1/2			a21		
1	L 3X3X1/4			K21		
1	PL 3/8X6X3 1/2			a21		
2	L 2X2X3/16	0	5 3/16	H21		
2	L 2X2X3/16	0	5 3/16	J21		
	1 1/4 DIA. STD. PIPE			C22L		
2	FL 1/2X2 1/2	0	10 9/16	b4		
1	FL 1/2X2 1/2	0	9 9/16	b22		
	1 1/4 DIA. STD. PIPE			C22R		
2	FL 1/2X2 1/2	0	10 9/16	b4		
1	FL 1/2X2 1/2	0	9 9/16	b22		
2	C 8x11.5	23	11 1/4	A25		
2	PL 5 1/4X3/8	0	8	a25		
1	L 3 1/2X3 1/2X1/4	3	3	B25		
	PL 3 11/16X3/8	0	8 7/8	b25		
	PL 5 1/2X3/8	0	6 5/8	c25		
2	L 3 1/2X3 1/2X1/4	6	2 7/16	C25		
	PL 4 1/2X3/4	0	8 3/8	d25		
1	L 3X2 1/2X1/4	7	3 7/8	A26		
1	L 5X3 1/2X5/16	0	3	a26		
1	C 6X8.2	7	3 7/8	B26		
1	L 5X3 1/2X5/16	0	3	e26		
1	C 6X8.2	7	3 7/8	C26		
1	L 5X3 1/2X5/16	0	3	e26		
1	L 3X2 1/2X1/4	7	3 7/8	D26		
1	L 5X3 1/2X5/16	0	3	a26		
2	L 3X2 1/2X1/4	9	0	G26		
1	PL 2 1/2X1/4	0	8	K26		
1	PL X3/8			J26		
1	PL X3/8			H26		
1	C 6X8.2	7	9 3/4	E26		
3	PL 3X1/4	0	3	b26		
1	L 3X3X3/16	7	3 1/2	c26		
1	C 6X8.2	7	9 3/4	F26		
3	PL 3X1/4	0	3	b26		
1	L 3X3X3/16	7	3 1/2	c26		

BILL OF MATERIAL

PCS	DESCRIPTION	LENGTH FT	LENGTH INS	MARK	REMARKS	WT+3 1/2% GALV.
	L 2 1/2X3X1/4			K31		
1	PL 2X1/4	1	2	LL31		
1	L 5X3X			MM31		
8	PL 10X3/8	1	1 1/2	C32		
4	L3X3X1/4	7	6	D32R		
4	L3X3X1/4	7	6	D32L		
2	W8X24 RADII BEAM			A32R		
2	W8X24 RADII BEAM			A32L		
2	PL 7X1/2	0	7 15/16	a32		
				A33		
	L1X1X1/8	6	3 9/16	a33R		
	L1X2X1/8	1	10 3/8	c33		
	L1X1X1/8	1	10 3/8	b33		
	L1X1X1/8	2	7 1/2	d33		
	L1X1X1/8	1	10 1/4	e33		
1	PL			m33		
1				P34-P		
2	FL 1/2X2 1/2	0	7 1/2	d34-P		
5				c13		
	CHECKERED PLATE			A36		
	CHECKERED PLATE			B36		
	CHECKERED PLATE			C36		
	CHECKERED PLATE			D36		
	CHECKERED PLATE			E36		
	CHECKERED PLATE			F36		
	L 3X3X1/4			d36		
1	L 3X3X1/4			B36		
	L 2X2X1/4			c36		
2	PL 7/8X5/16	0	2	E36		
1	L 3X3X1/4			A36R		
1	L 3X3X1/4			A36L		
				A37		
1	L 5X3X1/4	7	2 5/16	a37		
1	L 5X3X1/4	7	2 5/16	b37		
1	L 5X3X1/4	5	4	c37		
1	L 1 1/2X1 1/2X1/4		79 3/4	p37		
				B37		
2	L 2X2X1/8	2	2 1/2	d37		
2	L 2X2X1/8	2	8	e37		
				E37		
1	PL 2X2 1/2X1/8	3	0	k37		
				m37		
				n37		
4	PL 2 1/2X3/16	0	6 1/2	D37		
1	EQUIPMENT SHELTER			A38		
2		10	0	A39		
2		17	0	A39		
2		3	0 1/2	B39		
2		5	7 7/8	C39		
1	L2X2X3/16	0	8	D39L		
1	L2X2X3/16	0	8	D39R		
2	PL 3/16X 4 13/16	1	0	E39		
				C41		
				F41		
				W41		
				H34		
				x41		
				y41		
2	L8X4X1/2			A42		
4	PL 1 7/8X1/2	0	4 1/2	E42		
1	PL 10X5 3/8X1 1/4			C42		
4	PL 2X2X1 1/4			D42		
1	S 8X18.4			B42		
	GATE			A43		
	FL 1/4X1 1/2X2			U43		
	L2X2X1/4			h43		
	FL 1/4X1 1/2X2 3/8			T43		
	R 1X3/4X1/4			k43		
	ROD 1/2 DIA.			P43		
	PIPE 1/2 DIA.	0	1	Q43		
	R 1X1X1/4			R42		
	R 3 5/8X3X3/16			S42		
2	BAR 1/2 DIA. 2X4 1/2			j43		

TOTAL WEIGHT FOR THIS SHEET 9450.4
TOTAL WEIGHT FOR ONE 17FT. TOP SECTION 27,269.9

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

HARTRAMPF

7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328

HEIJOB NUMBER: 212042.00

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS — EASTERN SERVICE AREA

ATCBI
ATCBI-6
MATERIAL SCHEDULE

FREEPORT — BAHAMAS

REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

DESIGNED	SNG	ISSUED BY	DATE	4/23/2012	JCN	621767
DRAWN	SNG	ENGINEERING SERVICES SURV/WEATHER	DRAWING NO	BHF-D-621767-S046		REV
CHECKED	RAB					

AR	27	07957		ZINC RICH COATING		ZINC PRODUCTS CO.
4	26		McMASTER #91654A146	DRIVE SCREW, #6 X 3/8" LG.		STAINLESS
1	25	19564	123589	NAME PLATE		CRS1
1	24	19564	123592-301	RADOME KIT		CRS1
REF	23	19564	123609	INTERFACE CONTROL DRAWING		"
-	22	19564	123588-116	LIGHTNING PROTECTION KIT		"
-	21	19564	123588-115	LIGHTNING PROTECTION KIT		"
-	20	19564	123588-114	LIGHTNING PROTECTION KIT		"
1	19	19564	123588-113	LIGHTNING PROTECTION KIT		"
-	18	19564	123588-112	LIGHTNING PROTECTION KIT		"
-	17	19564	123588-111	LIGHTNING PROTECTION KIT		"
-	16	19564	123588-110	LIGHTNING PROTECTION KIT		"
-	15	19564	123588-109	LIGHTNING PROTECTION KIT		"
-	14	19564	123588-108	LIGHTNING PROTECTION KIT		"
-	13	19564	123588-107	LIGHTNING PROTECTION KIT		"
-	12	19564	123588-106	LIGHTNING PROTECTION KIT		"
-	11	19564	123588-105	LIGHTNING PROTECTION KIT		"
-	10	19564	123588-104	LIGHTNING PROTECTION KIT		"
-	9	19564	123588-103	LIGHTNING PROTECTION KIT		"
-	8	19564	123588-102	LIGHTNING PROTECTION KIT		"
-	7	19564	123588-101	LIGHTNING PROTECTION KIT		"
1	6	19564	123591-302	17' SECTION WITH RADOME		"
-	5	19564	123591-301	17' SECTION		"
1	4	19564	123581-304	10' SECTION, SUB-MEZZANINE		"
2	3	19564	123581-303	10' SECTION, MID-LEVEL		"
1	2	19564	123581-302	10' SECTION, STANDARD, GROUND		"
-	1	19564	123581-301	10' SECTION, HEAVY, GROUND		CRS1
-313 57' TWR	ITEM NO.	CAGE NO.	PART NO. OR IDENT NO.	DESCRIPTION	MATERIAL	SPECIFICATION OR MANUFACTURER
	PARTS LIST					

REPLACEMENT MEMBER SCHEDULE

PIECE	SIZE	QTY	SHEET #
D2	L4X4X1/4 (L4X4X3/8 @ 40'-0" LEVEL)	4	S002
E2	L4X4X1/4 (L4X4X3/8 @ 40'-0" LEVEL)	4	S002
M8	L2-1/2X2-1/2X3/16	1	S008
N8	L2-1/2X2-1/2X3/16	2	S008
S8	L2-1/2X2-1/2X3/16	1	S008
T8	L2-1/2X2-1/2X3/16	1	S008
V8	L2-1/2X2-1/2X3/16	1	S008
B9	HSS8X3X1/4	1	S009
C9R	HSS8X3X1/4	1	S009
C9L	HSS8X3X1/4	1	S009
M10R	C8X11.5	1	S010
B10	L5X5X1/2 (L5X5X5/16-TOP 17'-0")	4	S010
AB11	PL13 7/8" X 3/8" X 1'- 4 3/4"	8	S011
AC11	PL10 7/8" X 3/8" X 1'- 1 3/4"	4	S011
AD11	PL12 1/4" X 3/8" X 1'- 0 1/2"	4	S011
A20	C6X8.2	2	S020
	CHECKERED PLATES TO BE REPLACED		
E23	3/8" THICK CHECKERED PLATE	1	S023
F23	3/8" THICK CHECKERED PLATE	1	S023

* NOTATIONS IN THIS SCHEDULE AND PIECE MARKS ON DRAWINGS S045 AND S046 DOES NOT ALLEVIATE CONTRACTOR'S REVIEW OF ALL CONTRACT DRAWINGS TO ENSURE NO ADDITIONAL MEMBERS NEED TO BE MODIFIED/REPLACED.

NOTES:

1. ALL HARDWARE 1/2" DIAMETER OR LARGER SHALL BE TOURQUED AT FINAL ASSEMBLY USING "TURN-OF-THE-NUT" METHOD IN ACCORDANCE WITH AISC GUIDELINES.

   SUMMARY - PRIOR TO TORQUING, ALL BOLTS SHALL BE BROUGHT INTO A "SNUG TIGHT" CONDITION. SNUG TIGHT IS DEFINED AS THE TIGHTNESS OBTAINED BY A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF A MAN USING AN ORDINARY SPUD WRENCH. PARTS OF A JOINT SHOULD BE IN GOOD CONTACT WITH EACH OTHER.

   - ALL 5/8" OR 3/4" DIAMETER BOLTS SHALL BE TIGHTENED ADDITIONALLY BY ROTATING THE NUT RELATIVE TO THE BOLT BY 1/3 OF A TURN, PLUS OR MINUS 30°.

   - HARDWARE THAT IS TORQUED AND THEN LOOSENED SHALL NOT BE RE-USED.

2. USE SHIMS BETWEEN PEDESTAL ADAPTER AND THE TOWER SUPPORTING STRUCTURE TO OBTAIN A LEVEL CONDITION +/- .20° RELATIVE TO THE PEDESTAL INTERFACE PADS.

4 ORDER FOR FIELD RETROFIT ONLY.

5 DURING ASSEMBLY, APPLY ZINC RICH COATING WITH BRUSH OR DAUBER, IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS TO ALL SCRATCHES, NICKS, CUTS, FIELD DRILLED HOLES, OR ANY OTHER BARE STEEL SURFACES.

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

HARTRAMPF
7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328
HEJOB NUMBER: 212042.00

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS — EASTERN SERVICE AREA

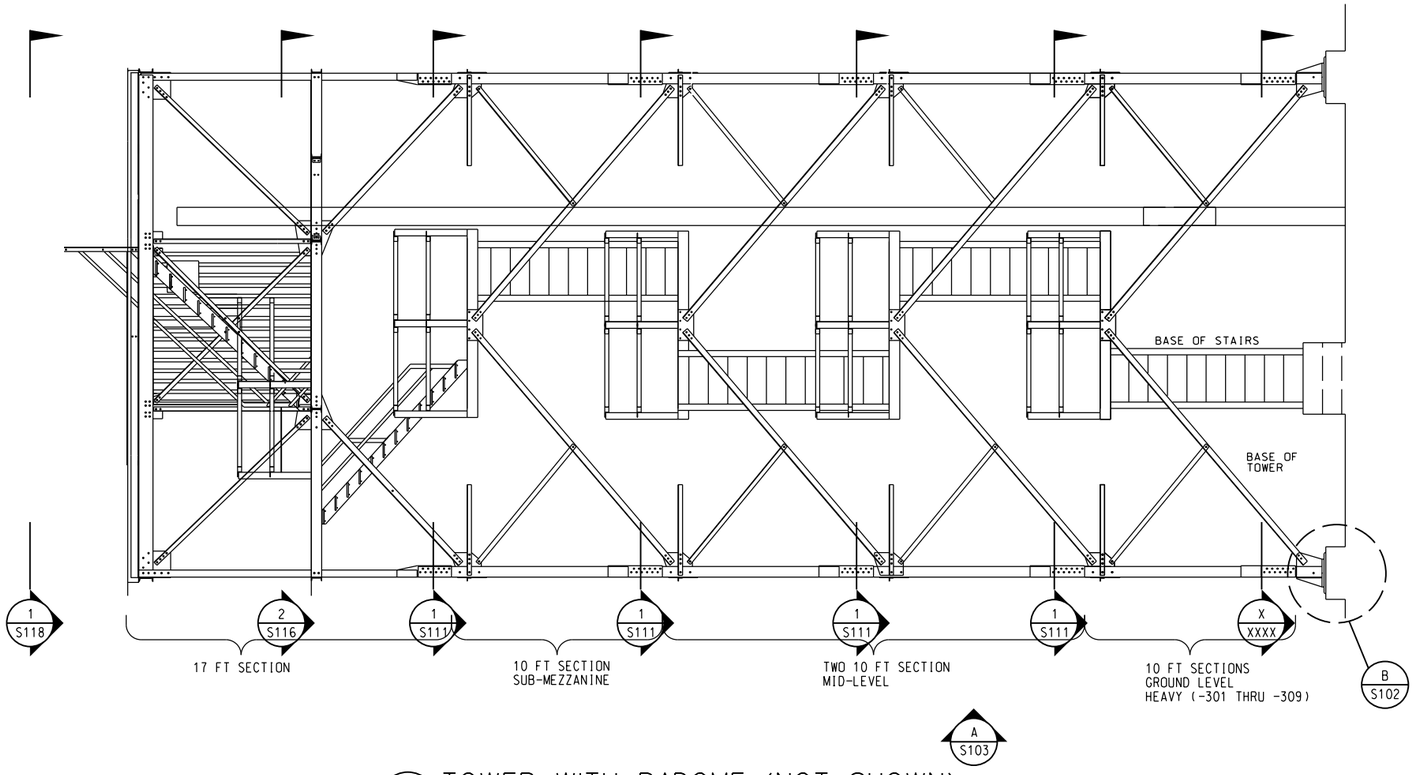
ATCBI
ATCBI-6
SCHEDULE
ATCBI TOWER LIST

FREEPORT — BAHAMAS

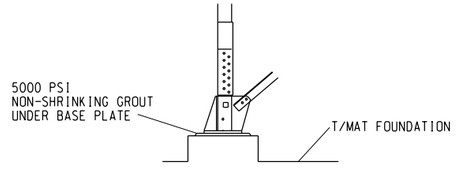
REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

DESIGNED	SNG	ISSUED BY	DATE	4/23/2012	JCN	621767
DRAWN	SNG	ENGINEERING SERVICES SURV/WEATHER	DRAWING NO	BHF-D-621767-S101		REV
CHECKED	RAB					

CONTRACTOR RESPONSIBLE
FOR FALL PROTECTION
UNTIL RADOME IS PLACED



1 S102 TOWER WITH RADOME (NOT SHOWN)
NOT TO SCALE



B S102 VIEW
NOT TO SCALE
ROTATED 90° CW

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

HARTRAMPF

7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328

HEIJOB NUMBER: 212042.00

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS — EASTERN SERVICE AREA

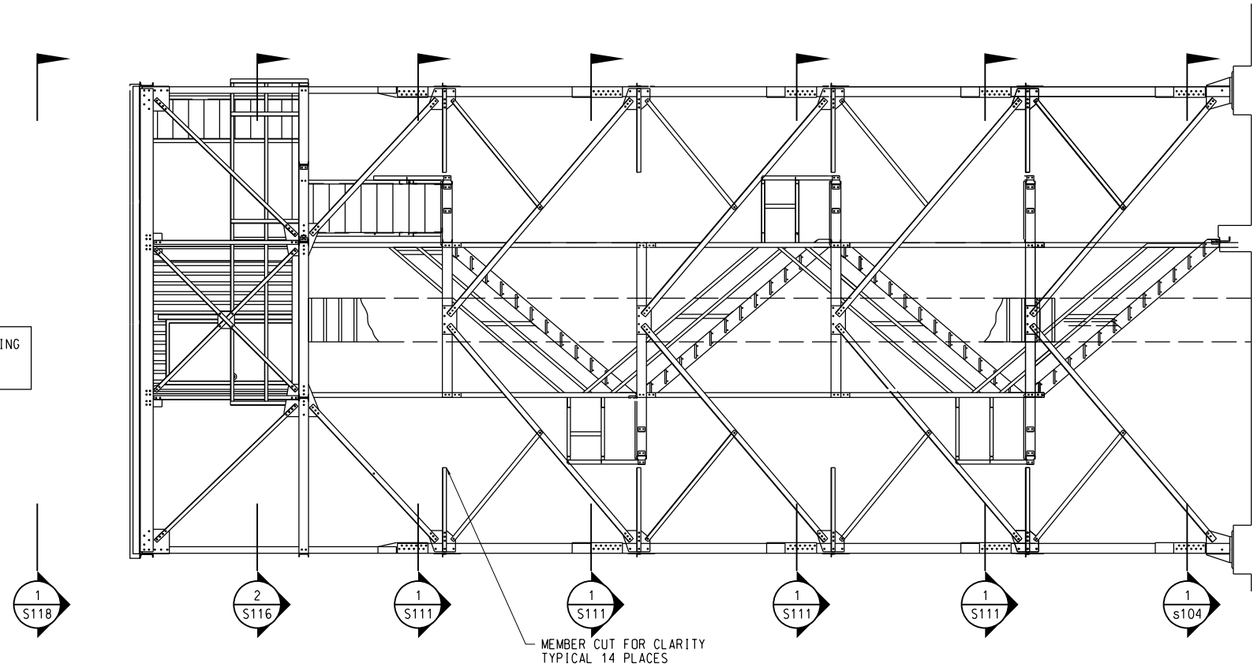
ATCBI
ATCBI-6
TOWER ELEVATION

FREEPORT — BAHAMAS

REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

DESIGNED SNG	ISSUED BY ENGINEERING SERVICES SURV/WEATHER	DATE 4/23/2012	JCN 621767
DRAWN SNG		DRAWING NO BHF-D-621767-S102	REV
CHECKED RAB			

RADOME AND LIGHTNING PROTECTION NOT SHOWN FOR CLARITY



A / S103 VIEW
NOT TO SCALE

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

HARTRAMPF

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ATLANTA, GEORGIA 30328

HEI JOB NUMBER: 212042.00

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

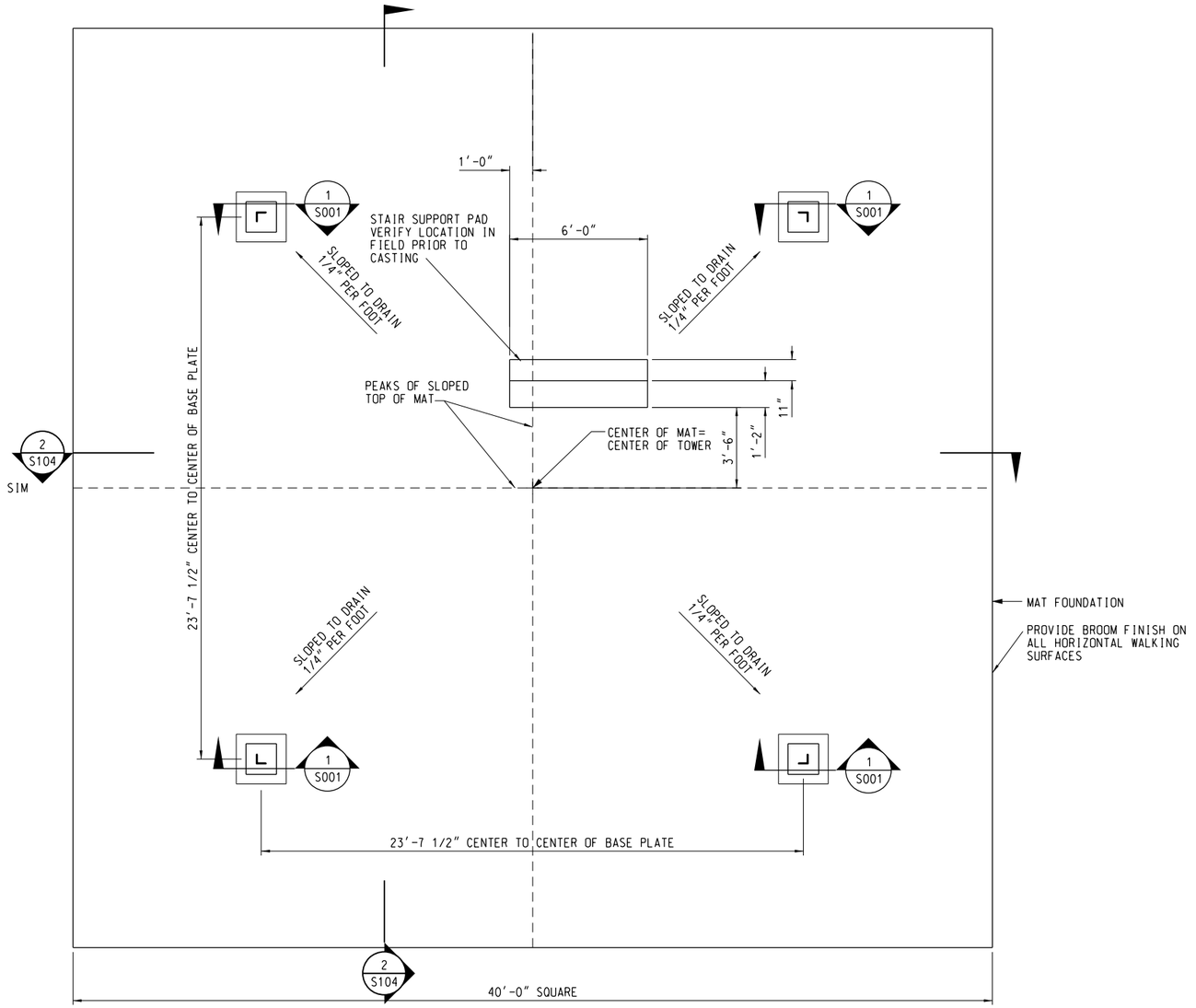
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS EASTERN SERVICE AREA

ATCBI
ATCBI-6
TOWER ELEVATION

FREEPORT BAHAMAS

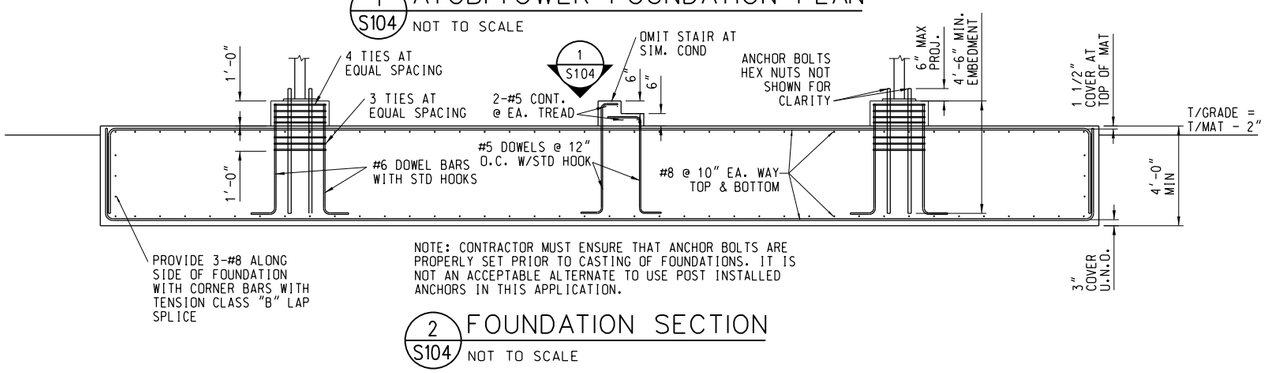
REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

DESIGNED SNG	ISSUED BY	DATE 4/23/2012	JCN 621767
DRAWN SNG	ENGINEERING SERVICES SURV/WEATHER	DRAWING NO BHF-D-621767-S103	REV
CHECKED RAB			



1 S104 ATCBI TOWER FOUNDATION PLAN

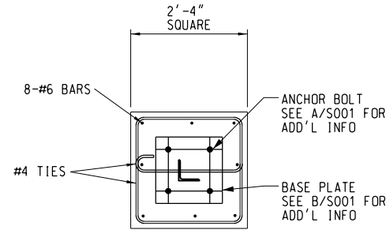
NOT TO SCALE



NOTE: CONTRACTOR MUST ENSURE THAT ANCHOR BOLTS ARE PROPERLY SET PRIOR TO CASTING OF FOUNDATIONS. IT IS NOT AN ACCEPTABLE ALTERNATE TO USE POST INSTALLED ANCHORS IN THIS APPLICATION.

2 S104 FOUNDATION SECTION

NOT TO SCALE



2 S104 ANCHOR BOLT LAYOUT

NOT TO SCALE

NOTES

1. ALL STEEL HAS BEEN FABRICATED WITH THE EXCEPTION OF THOSE MEMBERS NOTED "REPLACEMENT MEMBERS" ON PIECE SHEETS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PIECES PRIOR TO THE START OF STEEL PLACEMENT.
2. INITIAL GEOTECHNICAL RECOMMENDATIONS INDICATE THAT A LARGE MAT FOUR FEET BELOW EXISTING SUBSURFACE WILL BE ABLE TO WITHSTAND APPLICABLE LOADINGS.

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

HARTRAMPF

7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328

HEIJOB NUMBER: 212042.00

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

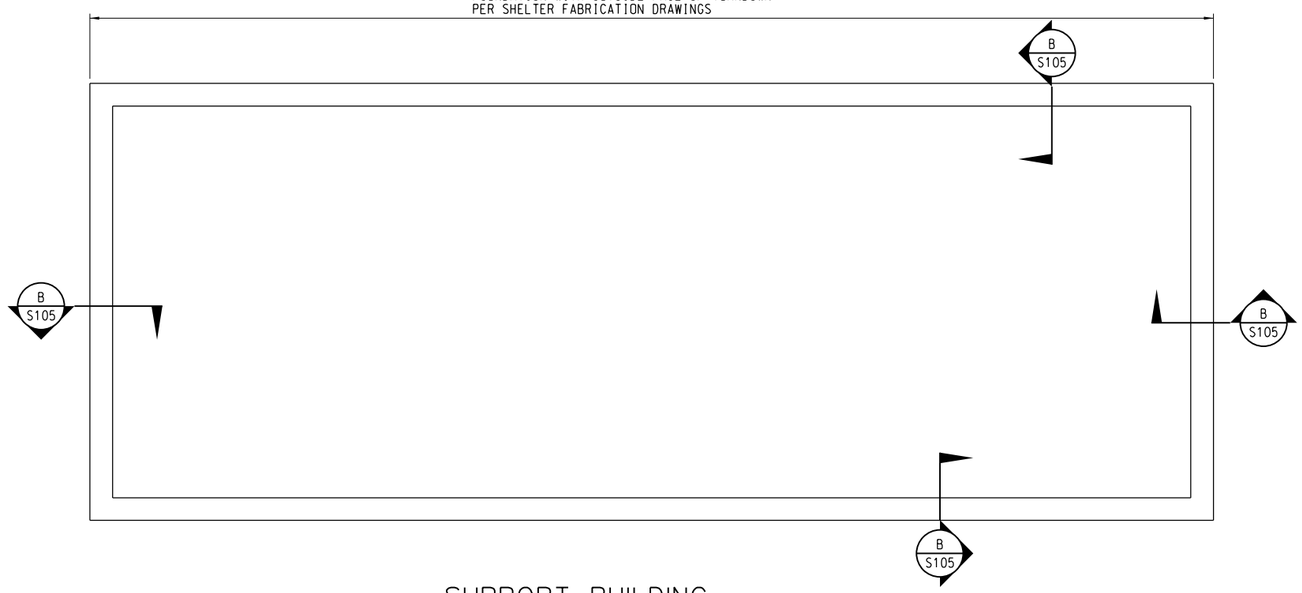
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS — EASTERN SERVICE AREA

ATCBI
ATCBI-6
TOWER FOUNDATION PLAN

FREEPORT — BAHAMAS

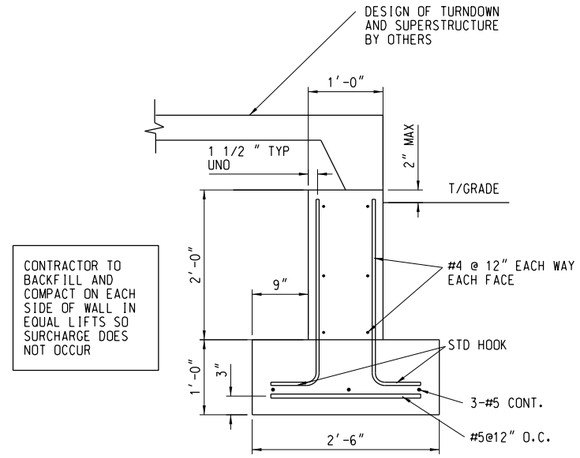
REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

DESIGNED	SNG	ISSUED BY	DATE 4/23/2012	JCN 621767
DRAWN	SNG	ENGINEERING SERVICES SURV/WEATHER	DRAWING NO BHF-D-621767-S104	REV
CHECKED	RAB			



A S105 SUPPORT BUILDING FOUNDATION PLAN

SCALE: 1/2" = 1'-0"



NOTE:
PROVIDE CORNER BARS FOR ALL WALL/FOUNDATION REINFORCEMENT WITH CLASS "B" TENSION LAP SPLICES.

B S105 FOUNDATION SECTION

SCALE: 1" = 1'-0"

2' 0 2' 4'
1/2" = 1'-0"

1' 0 1' 2'
1" = 1'-0"

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

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7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328
HEI JOB NUMBER: 212042.00

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

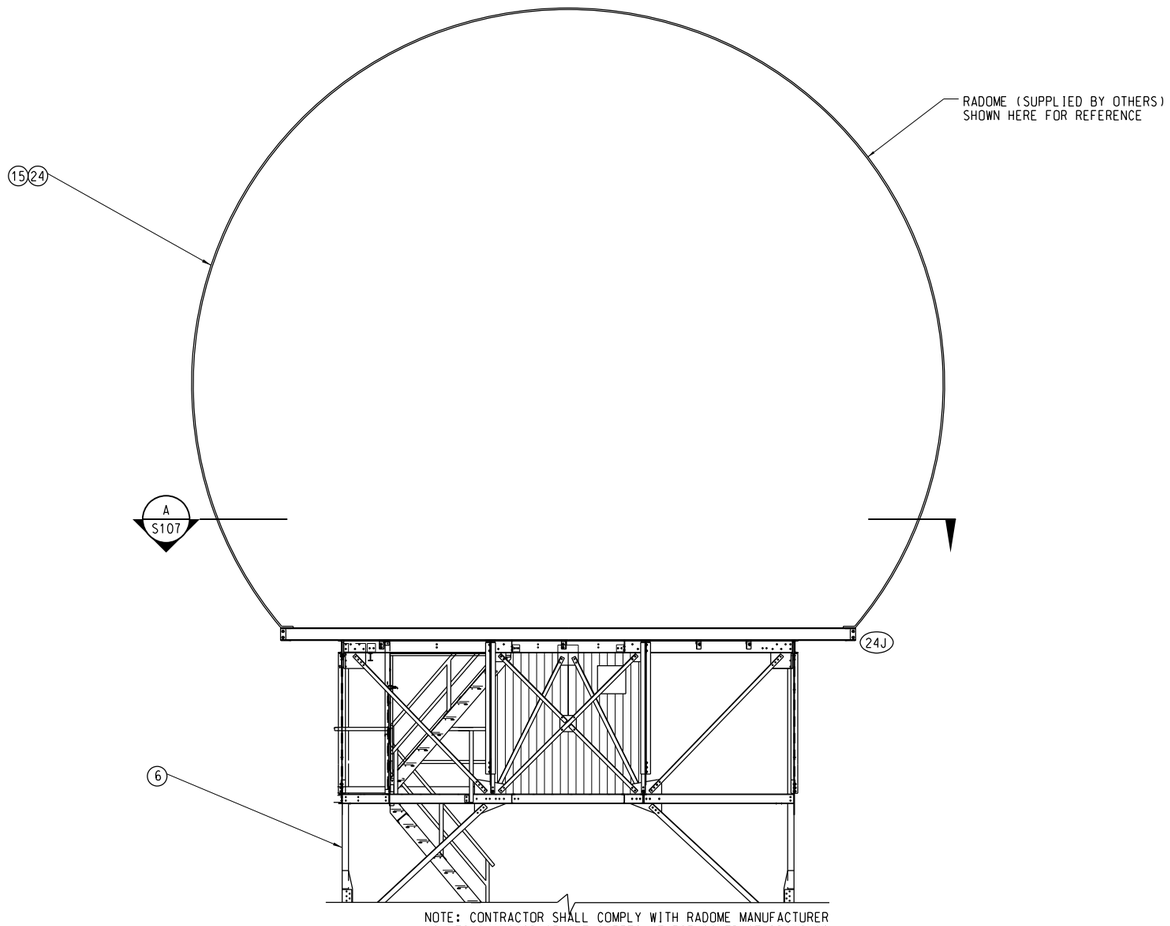
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS EASTERN SERVICE AREA

ATCBI
ATCBI-6
SUPPORT BUILDING FOUNDATION PLAN

FREEPORT BAHAMAS

REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

DESIGNED	SNG	ISSUED BY	DATE 4/23/2012	JCN 621767
DRAWN	SNG	ENGINEERING SERVICES SURV/WEATHER	DRAWING NO	REV
CHECKED	RAB		BHF-D-621767- S105	



NOTE: CONTRACTOR SHALL COMPLY WITH RADOME MANUFACTURER MOUNTING/ANCHORAGE CUT SHEETS. THESE CONTRACT DRAWINGS DO NOT INCORPORATE ANY RADOME DESIGN.

A/S106 RADOME ATCBI TOWER

NOT TO SCALE

NOTES:

1. ITEM DETAILS CAN BE FOUND ON DRAWING S001 THRU S044. NUMBER CONTAINED IN DESIGNATIONS REFERS TO A SPECIFIC SHEET. FOR EXAMPLE, B32L DENOTES DETAIL "B" ON SHEET S032 IN A LEFT HAND CONFIGURATION. EXCEPTION - TREADPLATE IS DETAILED ON SHEETS S035 AND S036.

2. ALL HARDWARE 1/2" DIA OR LARGER SHALL BE TORQUED AT FINAL ASSEMBLY USING "TURN-OF-THE-NUT" METHOD IN ACCORDANCE WITH AISC GUIDELINES.

   SUMMARY - PRIOR TO TORQUING, ALL BOLTS SHALL BE BROUGHT INTO A "SNUG OBTAINED BY TIGHT" CONDITION. SNUG TIGHT IS DEFINED AS THE TIGHTNESS A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF A MAN USING AN ORDINARY SPUD WRENCH. PARTS OF A JOINT SHOULD BE IN GOOD CONTACT WITH EACH OTHER.

   - ALL 5/8" OR 3/4" DIA BOLTS SHALL BE TIGHTENED ADDITIONALLY BY ROTATING THE NUT RELATIVE TO THE BOLT BY 1/3 OF A TURN, PLUS OR MINUS 30°.

   - HARDWARE THAT IS TORQUED AND THEN LOOSENED SHALL NOT BE RE-USED.

3. NOT USED

4. BOLT SCHEDULE:

DD	3/8-16 UNC X 1.50" LG 82° FLAT HD, SCREW WITH PALNUT
J	1-8 UNC X 3.00" LG
C	5/8-11 UNC X 2.00" LG
T	3/4-10 UNC X 2.00" LG
A	5/8-11 UNC X 1.50" LG
W	3/4-10 UNC X 2.50" LG
V	3/4-10 UNC X 2.25" LG
AA	3/8-16 UNC X 1.50" LG
BB	3/8-16 UNC X 1.25" LG
BW	INDICATES BEVEL WASHERS FOR BOLT SIZE REQUIREMENT
RF	3/8" THICK RING FILL

5. A = 13.98" ±.09", 80 PLACES
   HOLE DIAMETERS ARE .81" ±.03" ON A 14'-10" ±1/8" RADIUS
   FOR ANY 5 CONSECUTIVE HOLES, 5 X A = 69.90" ±.09" REF

   FLATNESS OF RADOME RING TO BE 1/8" OVER 30" LENGTH, 1/4" MAX REF

   SEE DRAWING S032

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

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ATLANTA, GEORGIA 30328
HEI JOB NUMBER: 212042.00

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

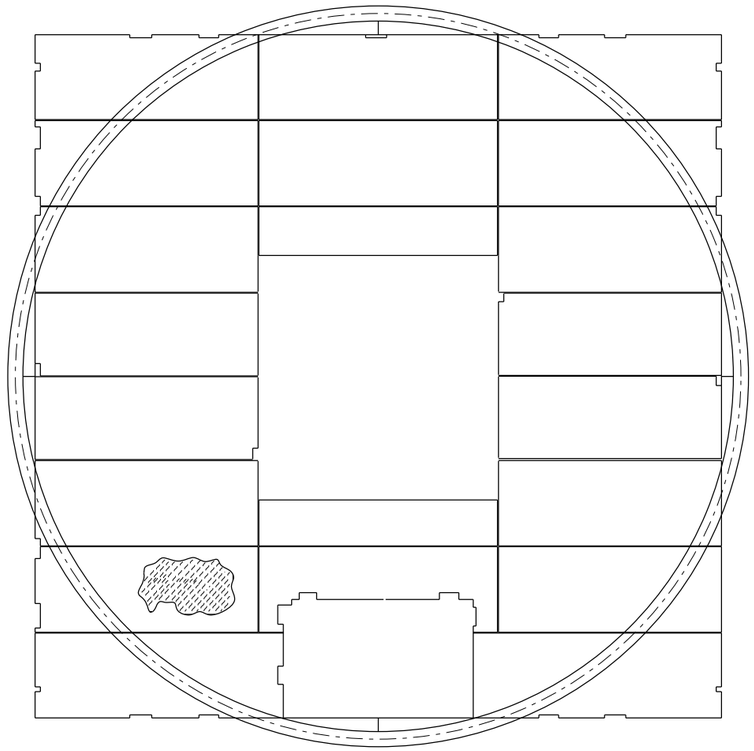
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS — EASTERN SERVICE AREA

ATCBI
ATCBI-6
RADOME ELEVATION

FREEPORT — BAHAMAS

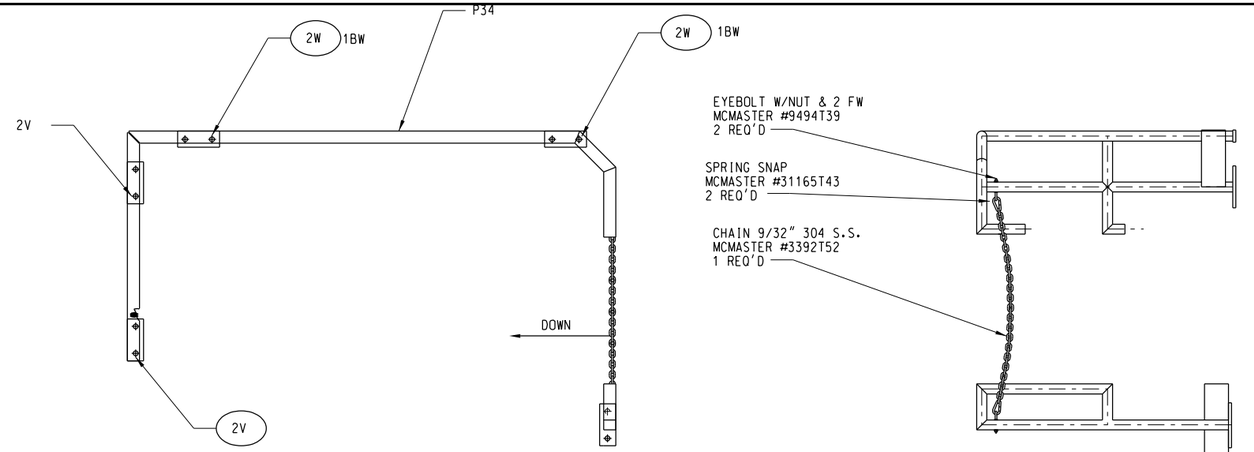
REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

DESIGNED	SNG	ISSUED BY	DATE 4/23/2012	JCN 621767
DRAWN	SNG	ENGINEERING SERVICES SURV/WEATHER	DRAWING NO BHF-D-621767-S106	REV
CHECKED	RAB			

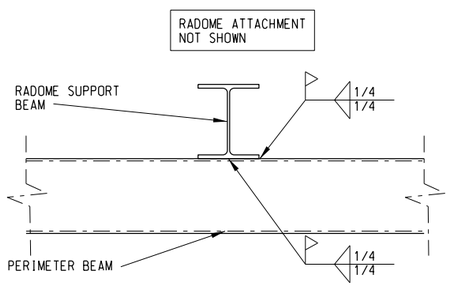


NOTE: SEE S027 & S035 FOR FLOOR PLATE CALLOUTS AND DIMENSIONAL INFORMATION.

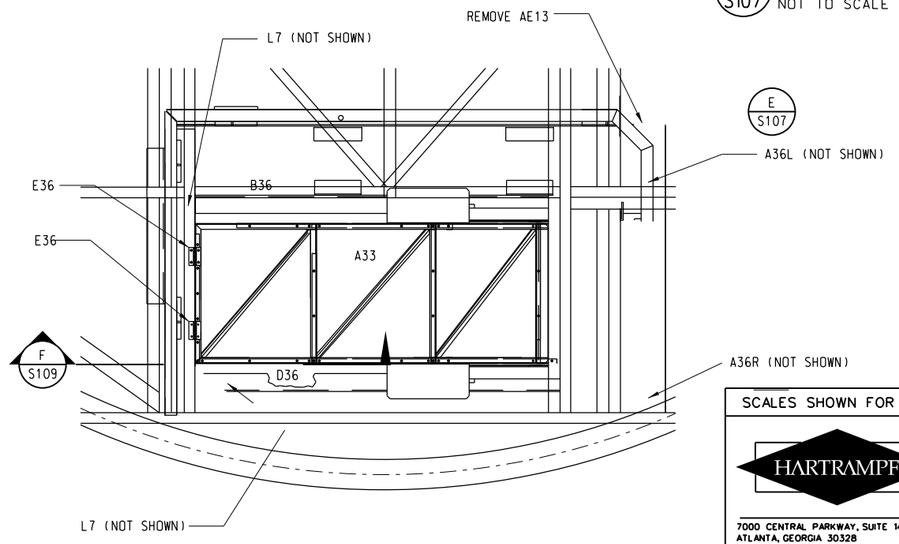
A / S107 RADOME MOUNTING KIT
SCALE: 3/8" = 1'-0"



E / S107 HANDRAILING DETAIL
NOT TO SCALE



B / S107 RADOME BEAM ATTACHMENT
NOT TO SCALE



D / S107 ACCESS DOOR DETAIL
SCALE: 3/4" = 1'-0"

2' 0 2' 4' 6'
3/8" = 1'-0"

1' 0 1' 2' 3'
3/4" = 1'-0"

NOTES

1. ALL STEEL HAS BEEN FABRICATED WITH THE EXCEPTION OF THOSE MEMBERS NOTED "REPLACEMENT MEMBERS" ON PIECE SHEETS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PIECES PRIOR TO THE START OF STEEL PLACEMENT.

N

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

HARTRAMPF
7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328

HEIJOB NUMBER: 212042.00

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

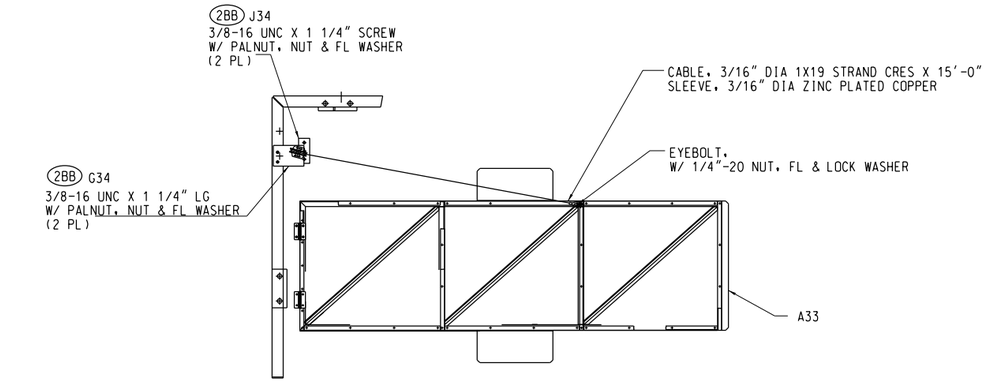
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS — EASTERN SERVICE AREA

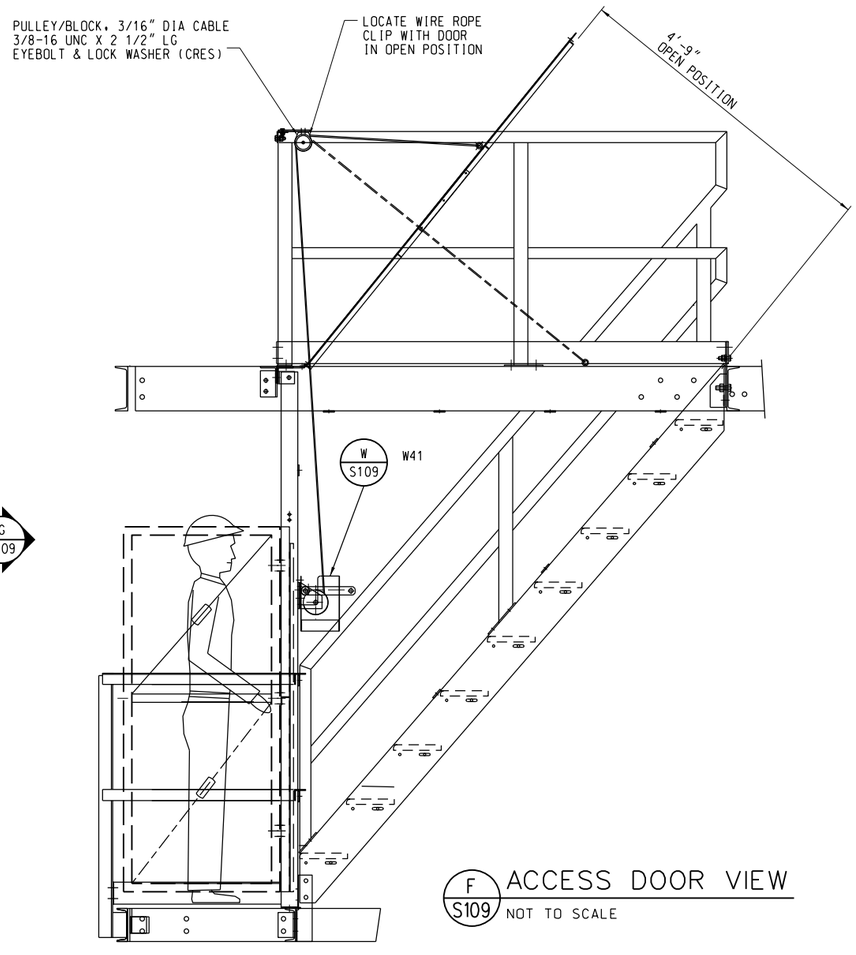
ATCBI
ATCBI-6
TOP PLATFORM
DECKING & RADOME RING LAYOUT

FREEPORT — BAHAMAS

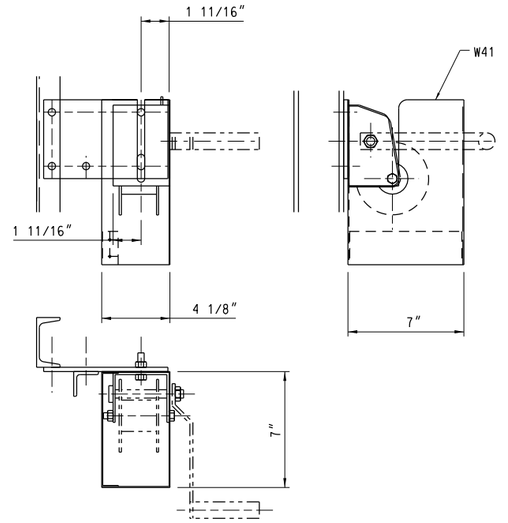
REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

DESIGNED	ISSUED BY	DATE 4/23/2012	JCN 621767
DRAWN	ENGINEERING SERVICES SURV/WEATHER	DRAWING NO BHF-D-621767-S107	REV
CHECKED			

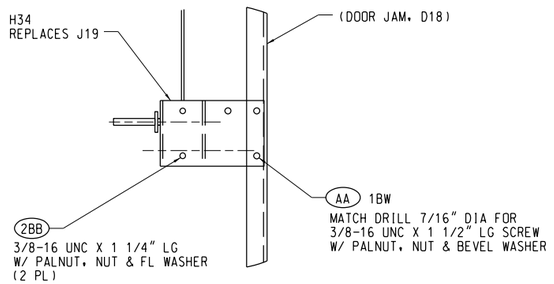




F S109 ACCESS DOOR VIEW
NOT TO SCALE



W S109 W41 - (WINCH COVER INSTALLATION)
NOT TO SCALE



G S109 DETAIL
NOT TO SCALE

NOTES

1. ALL STEEL HAS BEEN FABRICATED WITH THE EXCEPTION OF THOSE MEMBERS NOTED "REPLACEMENT MEMBERS" ON PIECE SHEETS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PIECES PRIOR TO THE START OF STEEL PLACEMENT.

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

HARTRAMPF

7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328

HEI JOB NUMBER: 212042.00

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

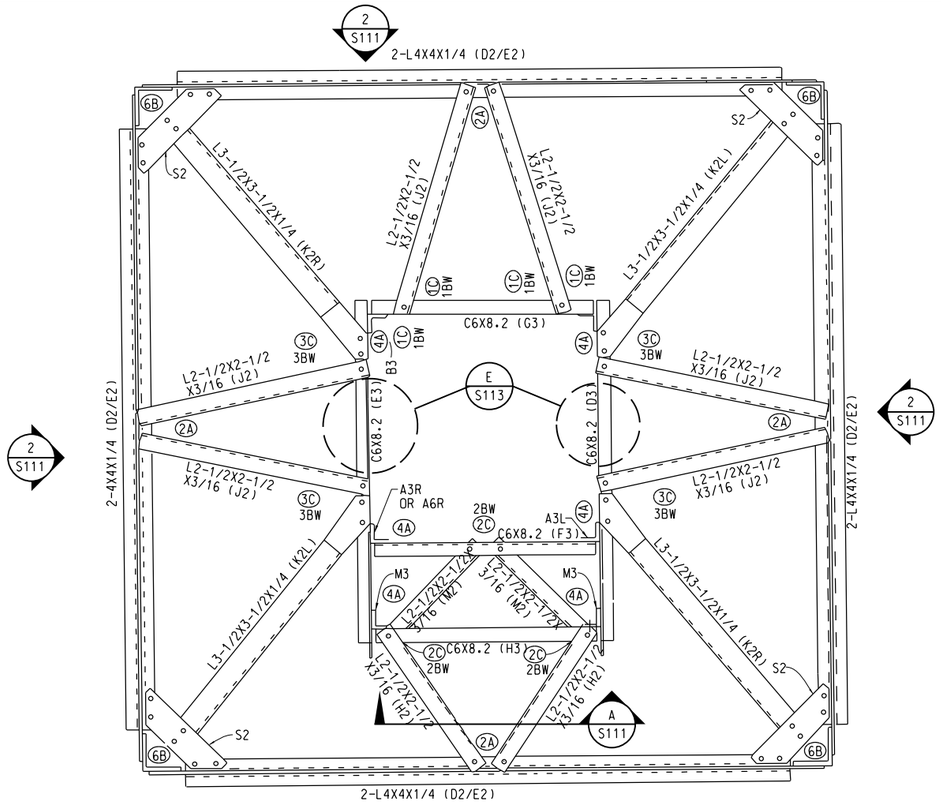
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS — EASTERN SERVICE AREA

ATCBI
ATCBI-6
TOP PLATFORM
ACCESS DETAILS

FREEPORT — BAHAMAS

REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

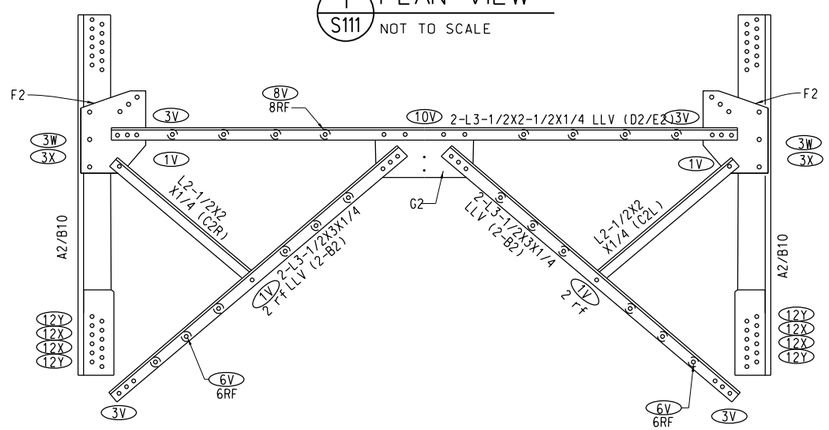
		ISSUED BY		
DESIGNED	SNG	ENGINEERING SERVICES SURV/WEATHER	DATE 4/23/2012	JCN 621767
DRAWN	SNG		DRAWING NO	REV
CHECKED	RAB		BHF-D-621767-S109	



2 S111 NOTE: SEE 1/S113 FOR LANDING GRATING AND ATTACHMENT INFORMATION NOT SHOWN.

1 S111 PLAN VIEW

NOT TO SCALE

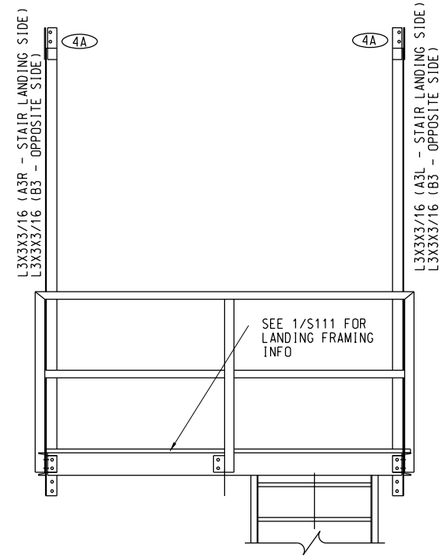


NOTE: TYPICAL COMPONENTS, HANDRAILS, HANGER-ANGLES, AND STAIR LAYOUT DEPEND ON SECTION LOCATION. (SEE CHART)

DASH NO.	LOCATION
-301	GROUND/LOWER LEVEL, HVY
-302	GROUND LEVEL, STD
-303	MID LEVEL
-304	MID LEVEL/SUB-MEZZANINE

2 S111 TYP FLOOR BRACING

NOT TO SCALE



NOTE: HANGER ANGLES ARE APPLICABLE FOR ALL LEVELS BELOW MEZZANINE.

A S111 TOWER SECTION

NOT TO SCALE

NOTES:

1. ITEM DETAILS CAN BE FOUND ON DRAWINGS S001 THRU S044. NUMBER CONTAINED IN DESIGNATION REFERS TO SHEET. FOR EXAMPLE, DETAIL J2 CAN BE FOUND ON SHEET S002.
2. ALL HARDWARE 1/2" DIAMETER OR LARGER SHALL BE TORQUED AT FINAL ASSEMBLY USING "TURN-OF-THE-NUT" METHOD IN ACCORDANCE WITH AISC GUIDELINES, 9TH EDITION.

   SUMMARY - PRIOR TO TORQUING, ALL BOLTS SHALL BE BROUGHT INTO A "SNUG TIGHT" CONDITION. SNUG TIGHT IS DEFINED AS THE TIGHTNESS OBTAINED BY A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF A MAN USING AN ORDINARY SPUD WRENCH. PARTS OF A JOINT SHOULD BE IN GOOD CONTACT WITH EACH OTHER.

   - ALL 5/8" OR 3/4" DIAMETER BOLTS SHALL BE TIGHTENED ADDITIONALLY BY ROTATING THE NUT RELATIVE TO THE BOLT BY 1/3 OF A TURN, PLUS OR MINUS 30°.
   - HARDWARE THAT IS TORQUED AND THEN LOOSENED SHALL NOT BE RE-USED.
   - USE FLAT WASHER ON NUT SIDE OF CONNECTION.

3. THE CONTACT AREA OF ALL GALVANIZED STRUCTURAL MEMBERS AND PLATES SHALL BE LIGHTLY ROUGHENED USING A HAND WIRE BRUSH ONLY. AS A MINIMUM THIS INCLUDES THE AREA AROUND ALL HOLES, BOTH SIDES OF THE MEMBER/PLATE.
4. ALL STEEL HAS BEEN FABRICATED WITH THE EXCEPTION OF THOSE MEMBERS NOTED "REPLACEMENT MEMBERS" ON PIECE SHEETS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PIECES PRIOR TO THE START OF STEEL PLACEMENT.
4. BOLT SCHEDULE:

BB	3/8-16 UNC, 1.25" LG, WITH PALNUT
A	5/8-11 UNC, 1.50" LG
B	5/8-11 UNC, 1.75" LG
C	5/8-11 UNC, 2.00" LG
D	5/8-11 UNC, 2.25" LG
V	3/4-10 UNC, 2.25" LG
W	3/4-10 UNC, 2.50" LG
X	3/4-10 UNC, 2.75" LG
Y	3/4-10 UNC, 3.00" LG
rf	1/8" THICK RINGFILL
RF	1/2" THICK RINGFILL
BW	BEVEL WASHER

5. ALL BOLTS TO HAVE FLAT WASHER AND HEX NUT.

KEY:

NO. OF BOLT — 2A — SIZE AND LENGTH

N

SEE SEPARATE PARTS LIST SHEET S110

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

HARTRAMPF

7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328

HEI JOB NUMBER: 212042.00

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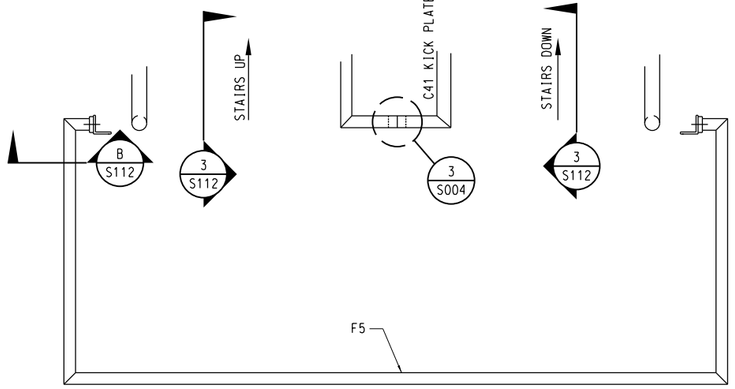
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS — EASTERN SERVICE AREA

ATCBI
ATCBI-6
TYPICAL LEVEL
FRAMING & BRACING PLANS

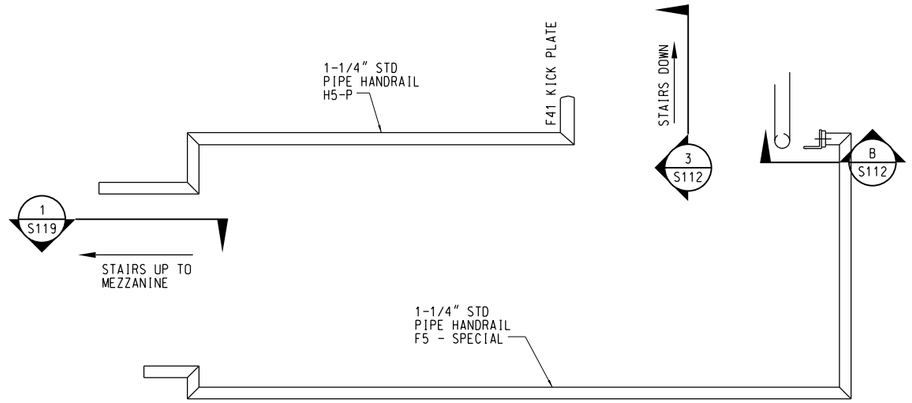
FREEPORT — BAHAMAS

REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

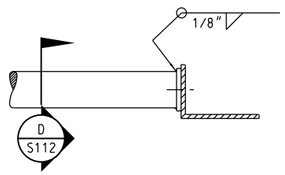
DESIGNED	SNG	ISSUED BY	DATE 4/23/2012	JCN 621767
DRAWN	SNG	ENGINEERING SERVICES SURV/WEATHER	DRAWING NO BHF-D-621767-S111	REV
CHECKED	RAB			



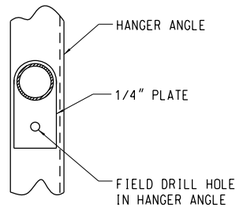
1 S112 STAIR PLATFORM RAIL
NOT TO SCALE



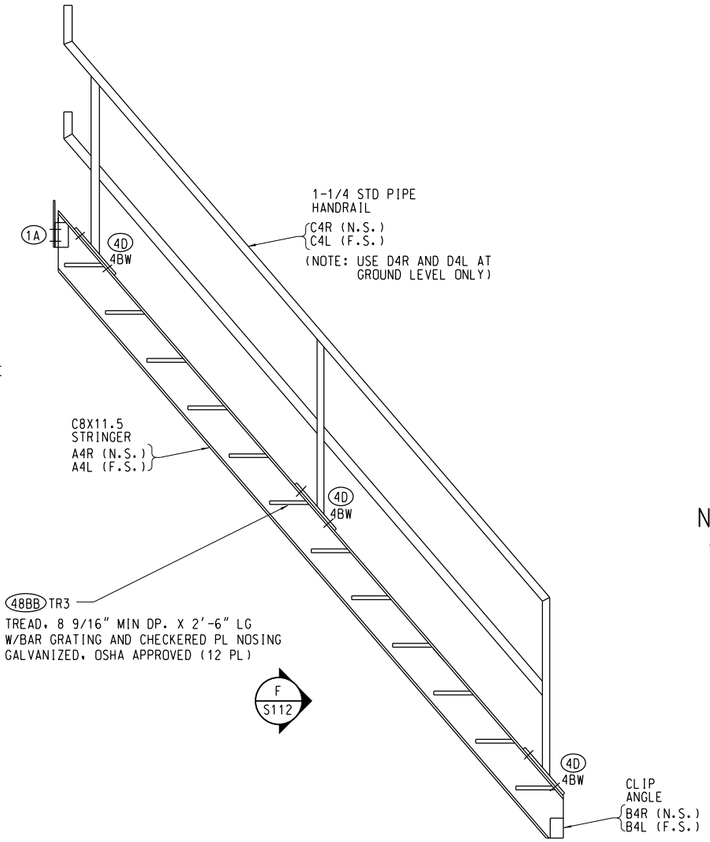
2 S112 STAIR PLATFORM RAIL
NOT TO SCALE



C S112 SECTION
NOT TO SCALE

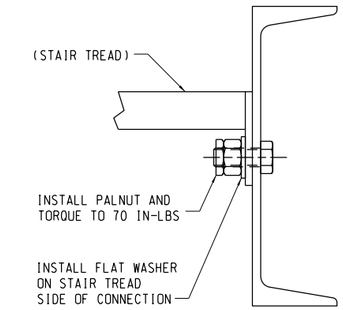


D S112 SECTION
NOT TO SCALE

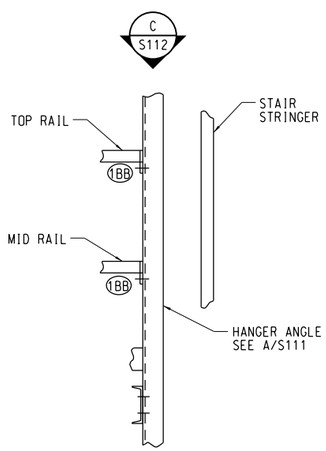


(REF NEXT HIGHER ASSEMBLY FOR POSITION)

3 S112 STAIR DETAIL - 10 FT SECTION
NOT TO SCALE



F S112 VIEW F
NOT TO SCALE



B S112 SECTION
NOT TO SCALE

NOTES

1. ALL STEEL HAS BEEN FABRICATED WITH THE EXCEPTION OF THOSE MEMBERS NOTED "REPLACEMENT MEMBERS" ON PIECE SHEETS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PIECES PRIOR TO THE START OF STEEL PLACEMENT.

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

HARTRAMPF
7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328
HEJOB NUMBER: 212042.00

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

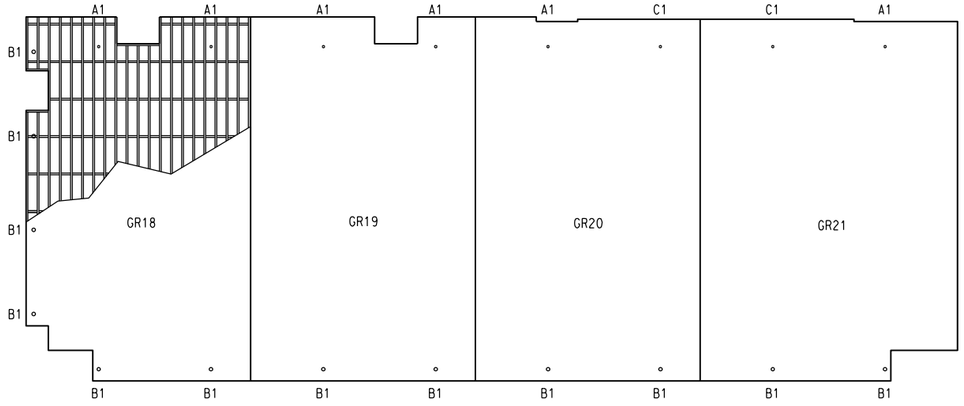
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS — EASTERN SERVICE AREA

ATCBI
ATCBI-6
TYPICAL LEVEL
STAIR & HANDRAIL DETAILS

FREEPORT — BAHAMAS

REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

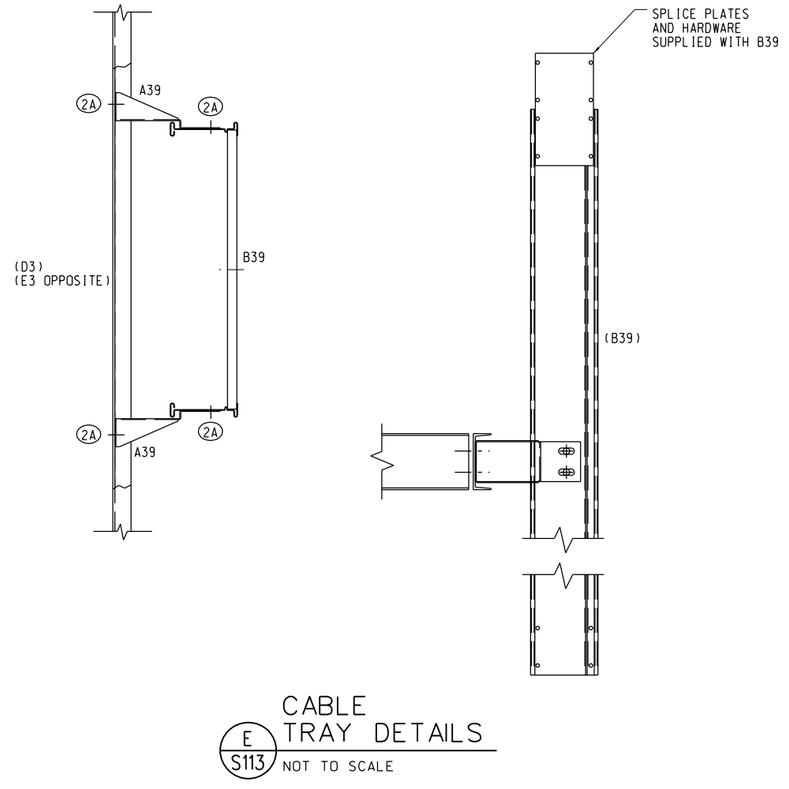
DESIGNED	SNG	ISSUED BY	DATE	4/23/2012	JCN	621767
DRAWN	SNG	ENGINEERING SERVICES SURV/WEATHER	DRAWING NO	BHF-D-621767-S112		REV
CHECKED	RAB					



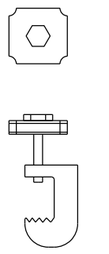
NOTES:

1. FASTEN WITH SADDLE CLIPS. AND GRATING CLAMPS. SEE DETAILS 2. 3 AND 4.
2. FOR GRATING DETAILS AND DIMENSIONAL INFO. SEE DRAWING S040.

1 / S113 PLATFORM GRATING
NOT TO SCALE



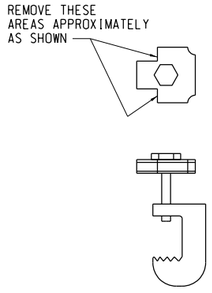
E / S113 CABLE TRAY DETAILS
NOT TO SCALE



(6 PLACES)

NOTE: GRATING FASTENER FOR 3/16" X 1 1/4" (KLEMP TYPE H-1)

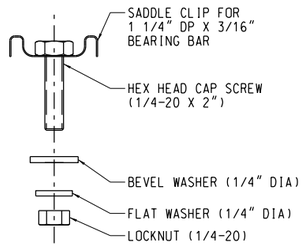
2 / S113 GRATING CLAMP MARKED "A1"
NOT TO SCALE



(2 PLACES)

NOTE: GRATING FASTENER FOR 3/16" X 1 1/4" (KLEMP TYPE H-1)

3 / S113 MODIFIED CLAMP GRATING CLAMP MARKED "C1"
NOT TO SCALE



(12 PLACES)

4 / S113 SADDLE CLIP ASSEMBLY MARKED "B1"
NOT TO SCALE

NOTES

1. ALL STEEL HAS BEEN FABRICATED WITH THE EXCEPTION OF THOSE MEMBERS NOTED "REPLACEMENT MEMBERS" ON PIECE SHEETS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PIECES PRIOR TO THE START OF STEEL PLACEMENT.

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

HARTRAMPF

7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328

HEJOB NUMBER: 212042.00

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS — EASTERN SERVICE AREA

ATCBI
ATCBI-6
TYPICAL LEVEL
GRATING & CABLE TRAY DETAILS

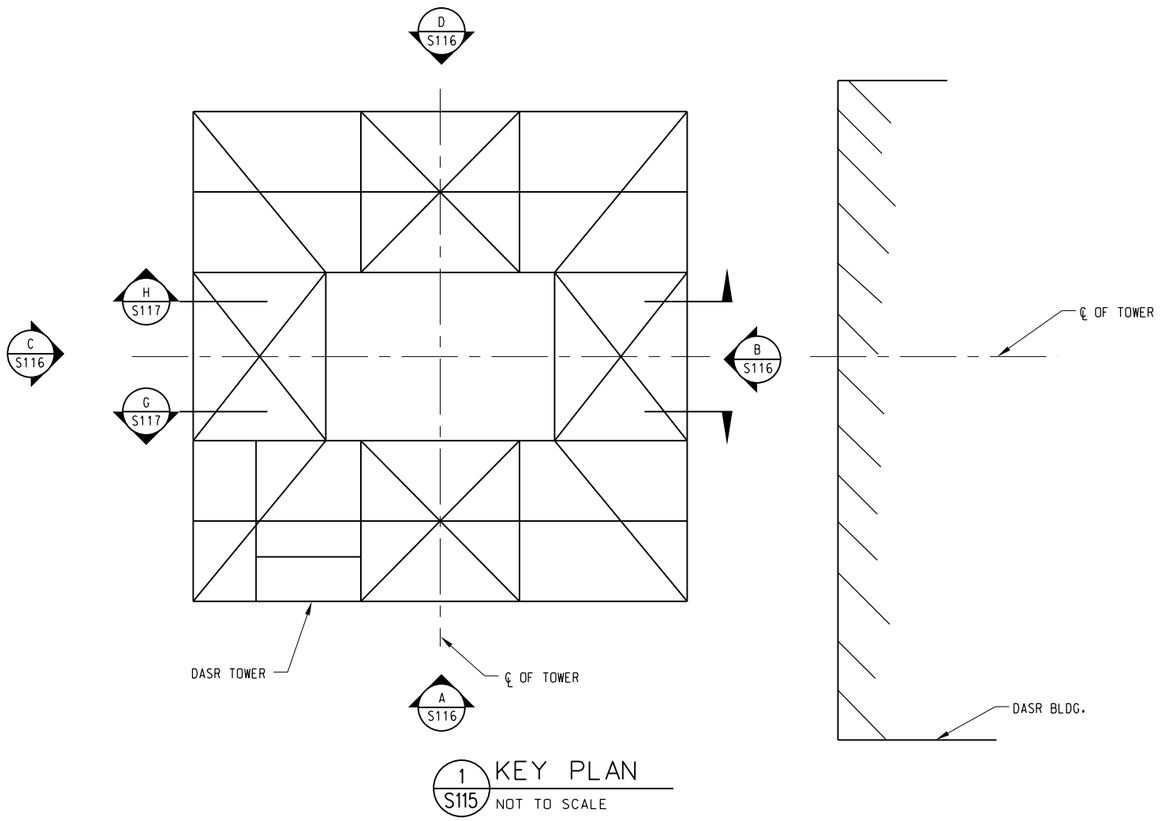
FREEPORT — BAHAMAS

REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

DESIGNED	SNG	ISSUED BY	DATE	4/23/2012	JCN	621767
DRAWN	SNG	ENGINEERING SERVICES SURV/WEATHER	DRAWING NO	BHF-D-621767-S113		REV
CHECKED	RAB					

BOLT SCHEDULE:

- (A) INDICATES 5/8" DIA X 1 1/2" LG GALVANIZED BOLT
- (B) INDICATES 5/8" DIA X 1 3/4" LG GALVANIZED BOLT
- (C) INDICATES 5/8" DIA X 2" LG GALVANIZED BOLT
- (D) INDICATES 5/8" DIA X 2 1/4" LG GALVANIZED BOLT
- (E) INDICATES 5/8" DIA X 2 1/2" LG GALVANIZED BOLT
- (F) INDICATES 5/8" DIA X 2 3/4" LG GALVANIZED BOLT
- (G) INDICATES 5/8" DIA X 3 1/2" LG GALVANIZED BOLT
- (R) INDICATES .82" I.D. X 1.5" O.D. X .031" SHIM
- (S) INDICATES .82" I.D. X 1.5" O.D. X .062" SHIM
- (T) INDICATES 3/4" DIA X 2" LG GALVANIZED BOLT
- (U) INDICATES 3/4" DIA X 1 3/4" LG GALVANIZED BOLT
- (V) INDICATES 3/4" DIA X 2 1/4" LG GALVANIZED BOLT
- (W) INDICATES 3/4" DIA X 2 1/2" LG GALVANIZED BOLT
- (X) INDICATES 3/4" DIA X 2 3/4" LG GALVANIZED BOLT
- (Y) INDICATES 3/4" DIA X 3" LG GALVANIZED BOLT
- (Z) INDICATES 1" DIA X 2" LG GALVANIZED BOLT
- (AA) INDICATES 3/8" DIA X 1 1/2" LG GALVANIZED BOLT WITH PALNUT
- (BB) INDICATES 3/8" DIA X 1 1/4" LG GALVANIZED BOLT WITH PALNUT
- (CC) INDICATES 3/8" DIA X 1" LG GALVANIZED BOLT WITH PALNUT
- (DD) INDICATES 3/8" DIA X 1 1/2" LG 82° FLAT HEAD GALVANIZED SCREW WITH PALNUT
- RF INDICATES 3/8" RING FILLS FOR BOLT SIZE REQUIREMENT.
- BW INDICATES BEVEL WASHERS FOR BOLT SIZE REQUIREMENT.



1 S115 KEY PLAN
NOT TO SCALE

KEY:

NO. OF BOLTS — 2A — SIZE AND LENGTH

NOTES:

1. ALL FACES ALIKE EXCEPT AS NOTED.
2. ALL BOLTS TO HAVE FLAT WASHER AND HEX NUT.
3. FIELD TO DRILL 13/16" DIA HOLES IN GUSSET PLATE TO MATCH HOLES IN WAVEGUIDE HANGER J3.
4. ALL HARDWARE 1/2" DIAMETER OR LARGER SHALL BE TORQUED AT FINAL ASSEMBLY USING "TURN-OF-THE-NUT" METHOD IN ACCORDANCE WITH AISC GUIDELINES, 9TH EDITION.

   SUMMARY - PRIOR TO TORQUING, ALL BOLTS SHALL BE BROUGHT INTO A "SNUG TIGHT" CONDITION. SNUG TIGHT IS DEFINED AS THE TIGHTNESS OBTAINED BY A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF A MAN USING AN ORDINARY SPUD WRENCH. PARTS OF A JOINT SHOULD BE IN GOOD CONTACT WITH EACH OTHER.

   - ALL 5/8" OR 3/4" DIAMETER BOLTS SHALL BE TIGHTENED ADDITIONALLY BY ROTATING THE NUT RELATIVE TO THE BOLT BY 1/3 OF A TURN, PLUS OR MINUS 30°.

   - HARDWARE THAT IS TORQUED AND THEN LOOSENED SHALL NOT BE RE-USED.

   - USE FLAT WASHER ON NUT SIDE OF CONNECTION.

5. THE CONTACT AREA OF ALL GALVANIZED STRUCTURAL MEMBERS AND PLATES SHALL BE LIGHTLY ROUGHENED USING A HAND WIRE BRUSH ONLY. AS A MINIMUM, THIS INCLUDES THE AREA AROUND ALL HOLES, BOTH SIDES OF THE MEMBER/PLATE.

△6 AT FINAL ASSEMBLY, CAULK ALL AROUND WITH LIGHT GRAY G.E. SILPRUF SILICONE SEALANT SCS2008.

SEE SEPARATE PARTS LIST SHEET S114

N

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

HARTRAMPF

7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328

HEI JOB NUMBER: 212042.00

REV.	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

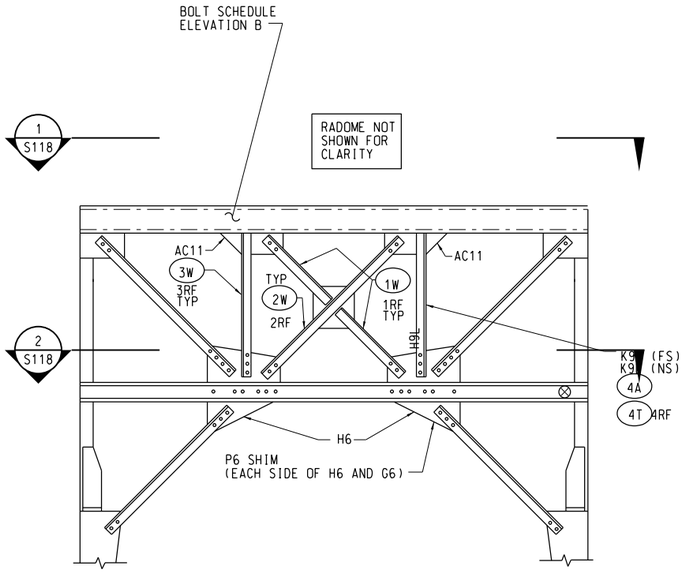
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS — EASTERN SERVICE AREA

ATCBI
ATCBI-6
TYPICAL TOWER & BASE BUILDING LAYOUT

FREEPORT — BAHAMAS

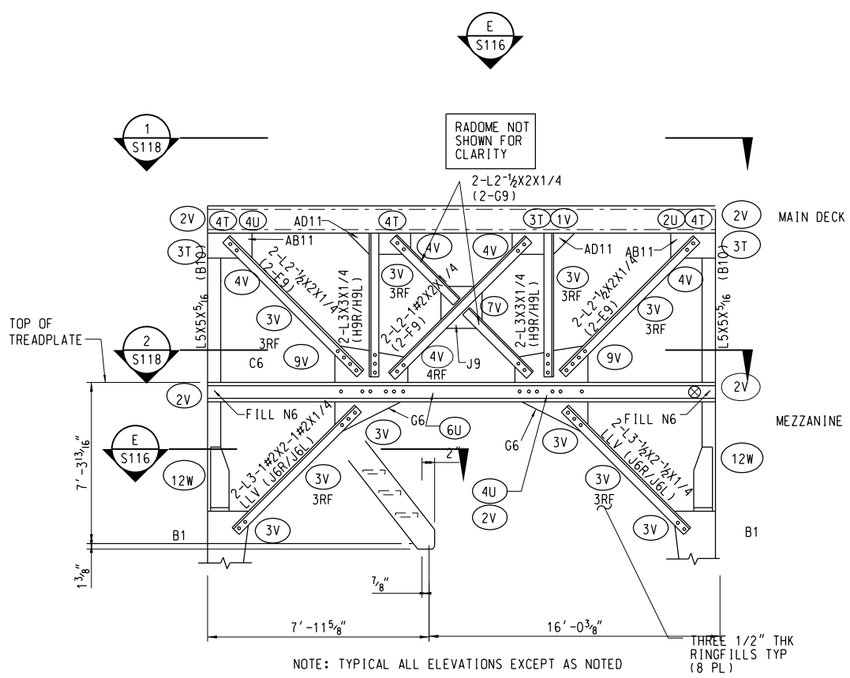
REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

DESIGNED	SNG	ISSUED BY	DATE 4/23/2012 — JCN 621767
DRAWN	SNG	ENGINEERING SERVICES SURV/WEATHER	DRAWING NO BHF-D-621767-S115 — REV
CHECKED	RAB		



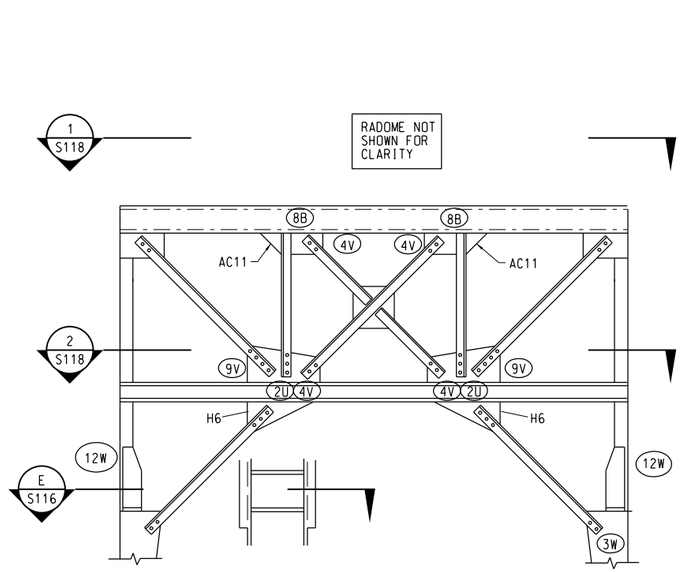
NOTE: SEE A/S116 FOR TYP. BRACING SIZES NOT SHOWN.

C S116 ELEVATION
NOT TO SCALE



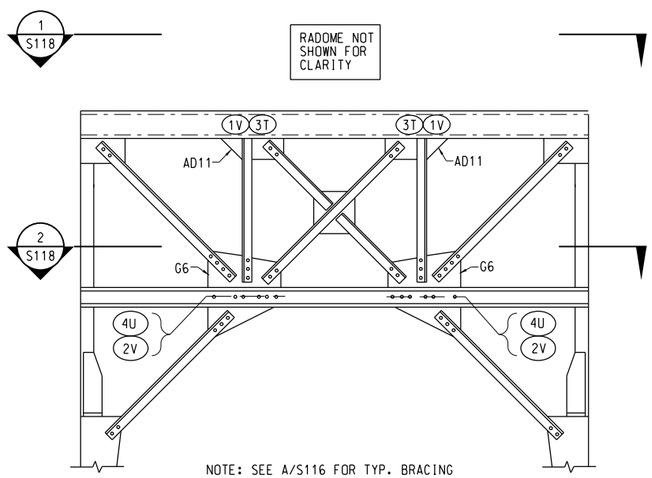
NOTE: TYPICAL ALL ELEVATIONS EXCEPT AS NOTED

A S116 ELEVATION
NOT TO SCALE



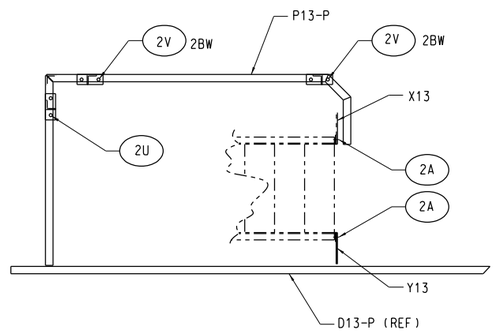
NOTE: SEE A/S116 FOR TYP. BRACING SIZES NOT SHOWN.

B S116 ELEVATION
NOT TO SCALE



NOTE: SEE A/S116 FOR TYP. BRACING SIZES NOT SHOWN.

D S116 ELEVATION
NOT TO SCALE



E S116 SECTION
NOT TO SCALE

NOTES

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SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

HARTRAMPF
7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328

HEJOB NUMBER: 212042.00

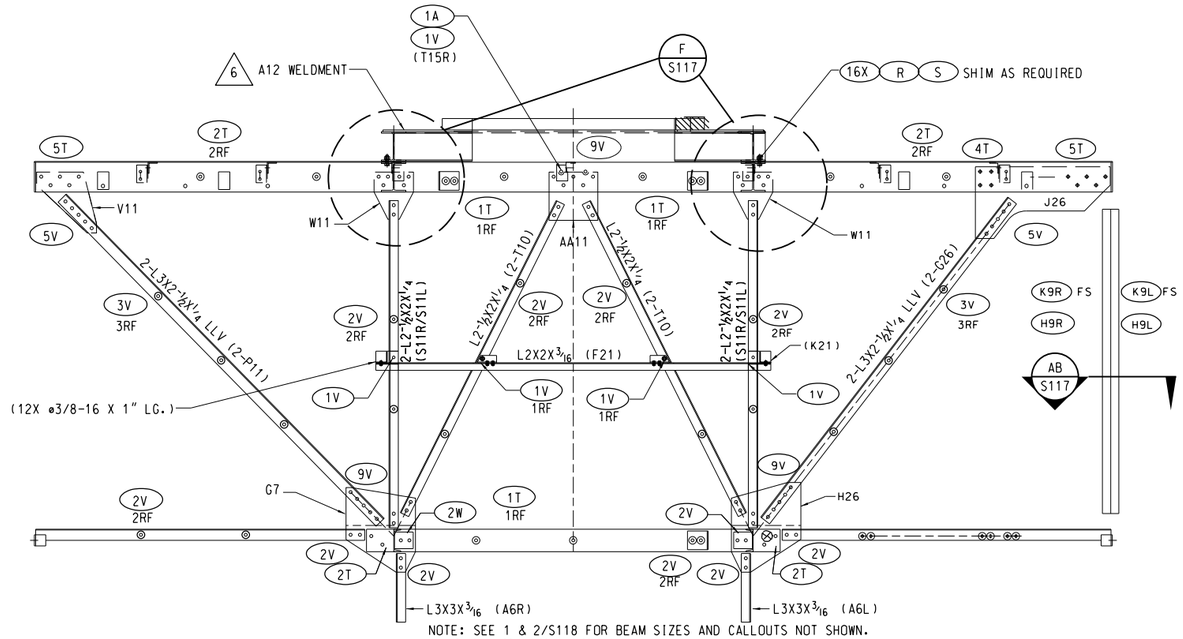
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS — EASTERN SERVICE AREA

ATCBI
ATCBI-6
TOP PLATFORM AND MEZZANINE BRACING ELEVATIONS

FREEPORT — BAHAMAS

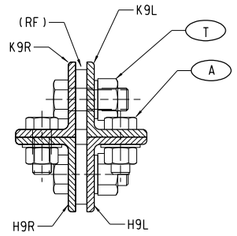
REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

DESIGNED	SNG	ISSUED BY	DATE 4/23/2012	JCN 621767
DRAWN	SNG	ENGINEERING SERVICES SURV/WEATHER	DRAWING NO BHF-D-621767-S116	REV
CHECKED	RAB			

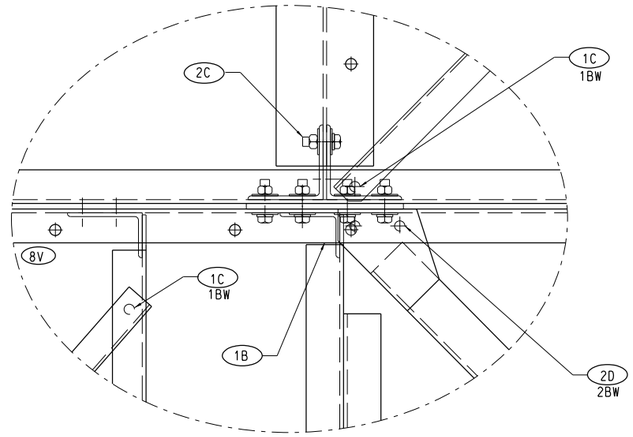


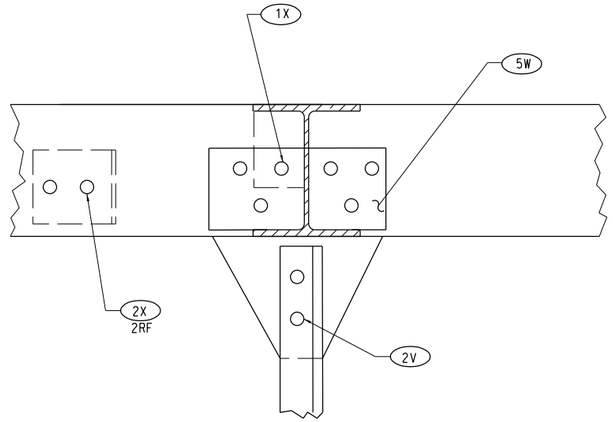
NOTE: SEE 1 & 2/S118 FOR BEAM SIZES AND CALLOUTS NOT SHOWN.

G S117 SECTION
NOT TO SCALE



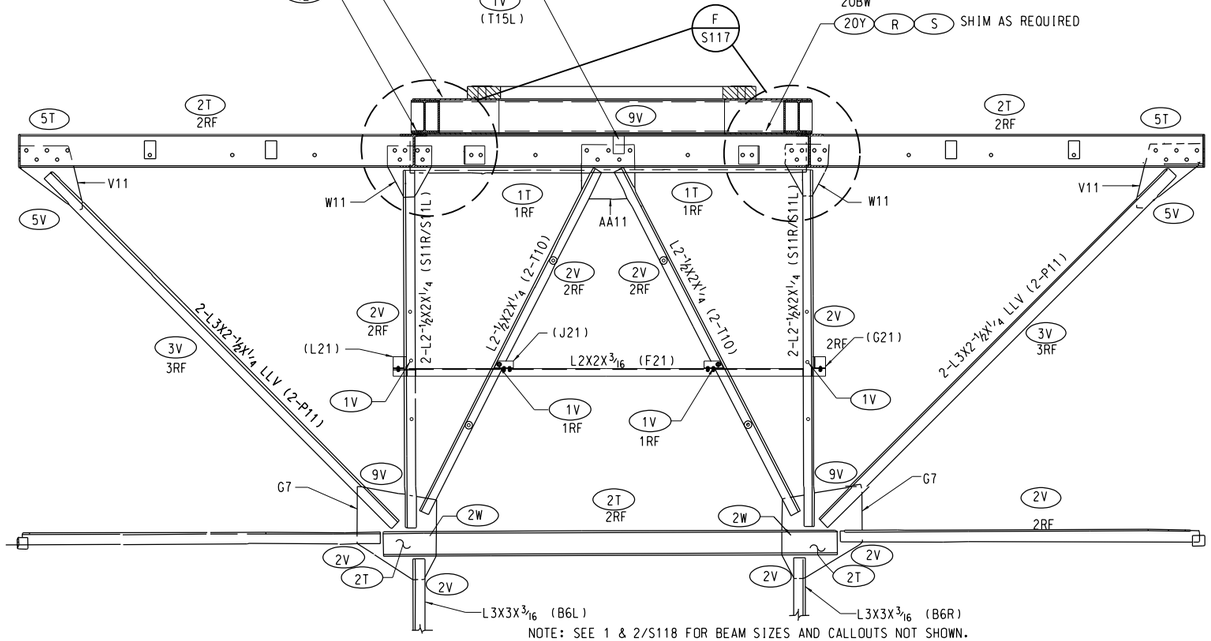
AB S117 SECTION AB
NOT TO SCALE





NOTE: SEE 1/S118 FOR BEAM SIZES AND CALLOUTS NOT SHOWN.

F S117 DETAIL F (4 PLACES)
NOT TO SCALE



NOTE: SEE 1 & 2/S118 FOR BEAM SIZES AND CALLOUTS NOT SHOWN.

H S117 SECTION
NOT TO SCALE

NOTES

1. ALL STEEL HAS BEEN FABRICATED WITH THE EXCEPTION OF THOSE MEMBERS NOTED "REPLACEMENT MEMBERS" ON PIECE SHEETS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PIECES PRIOR TO THE START OF STEEL PLACEMENT.

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

HARTRAMPF

7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328

HEI JOB NUMBER: 212042.00

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

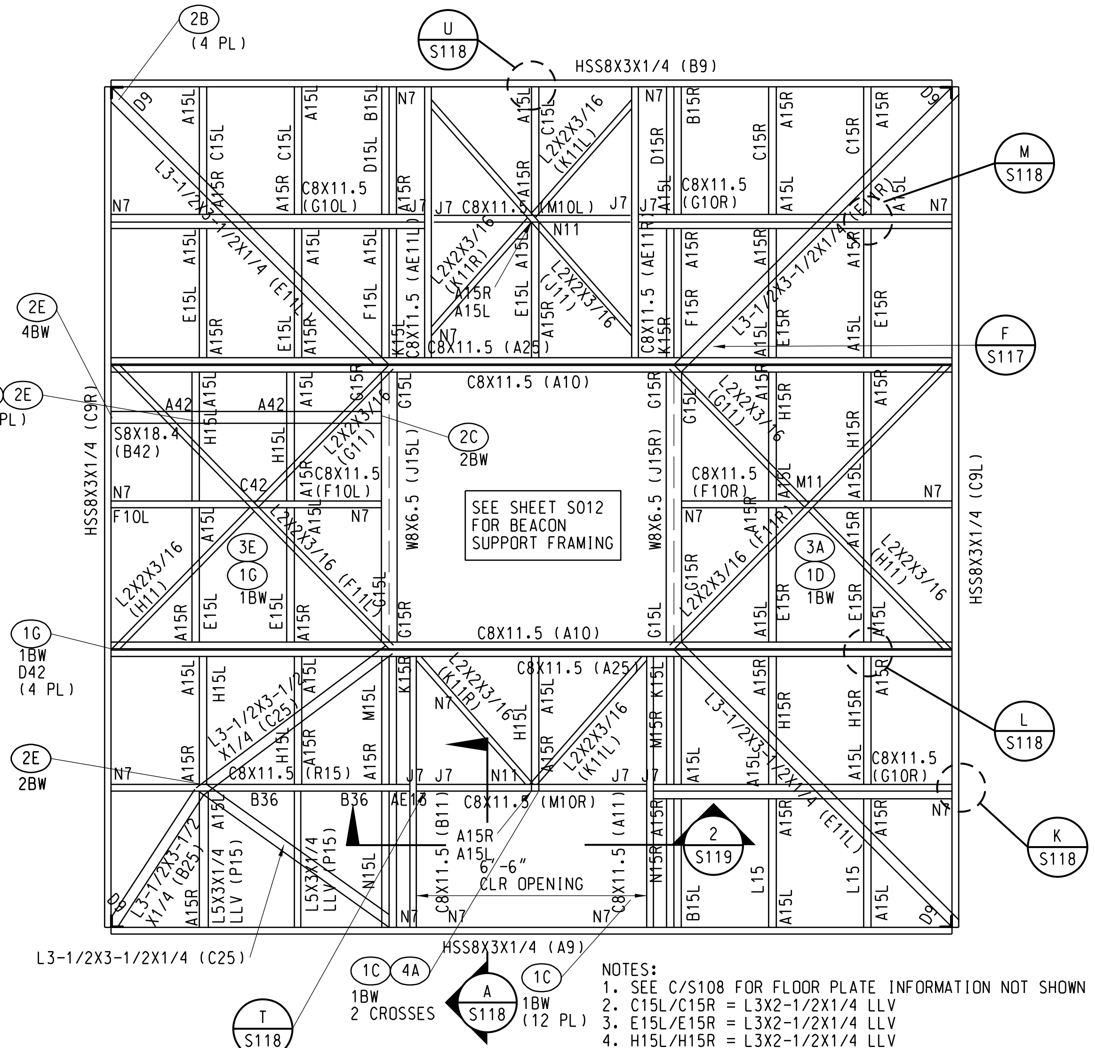
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS — EASTERN SERVICE AREA

ATCBI
ATCBI-6
MEZZANINE LEVEL
INTERIOR BRACING ELEVATIONS

FREEPORT — BAHAMAS

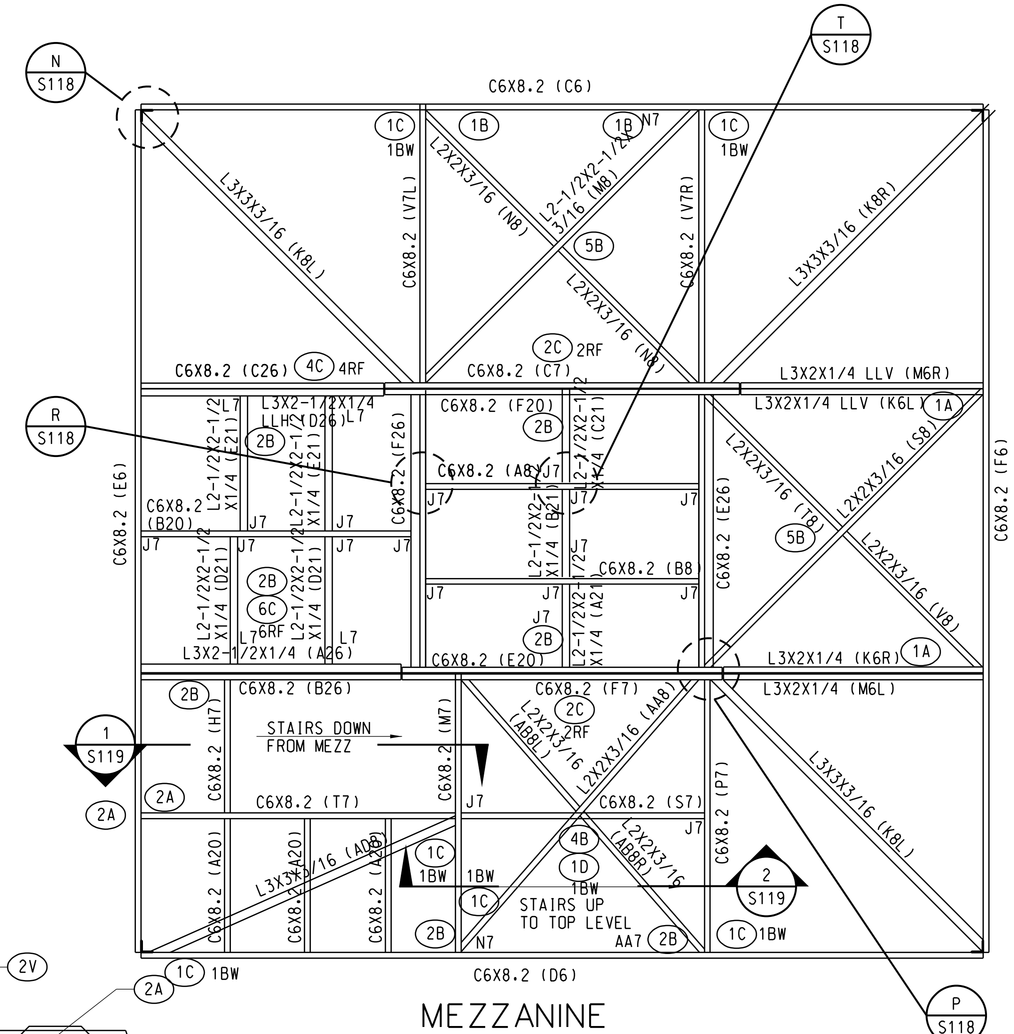
REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

DESIGNED SNG	ISSUED BY	DATE 4/23/2012	JCN 621767
DRAWN SNG	ENGINEERING SERVICES SURV/WEATHER	DRAWING NO	REV
CHECKED RAB		BHF-D-621767-S117	

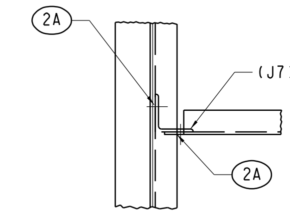


NOTES:
1. SEE C/S108 FOR FLOOR PLATE INFORMATION NOT SHOWN
2. C15L/C15R = L3X2-1/2X1/4 LLV
3. E15L/E15R = L3X2-1/2X1/4 LLV
4. H15L/H15R = L3X2-1/2X1/4 LLV
5. L15 = L3X2-1/2X1/4 LLV
6. D15L/D15R = 2-L2-1/2X3X1/4 LLV
7. F15L/F15R = 2-L2-1/2X3X1/4 LLV
8. M15L/M15R = 2-L2-1/2X3X1/4 LLV
9. N15L/N15R = 2-L2-1/2X3X1/4 LLV

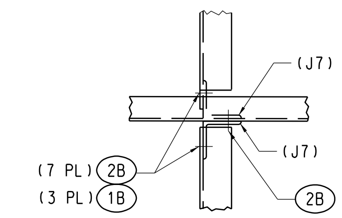
1/S118 TOP FLOOR FRAMING PLAN
SCALE: 3/8" = 1'-0"



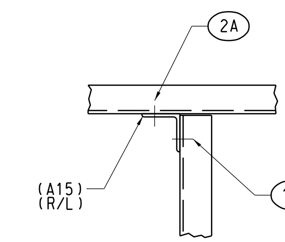
2/S118 MEZZANINE LEVEL FRAMING PLAN
SCALE: 3/8" = 1'-0"



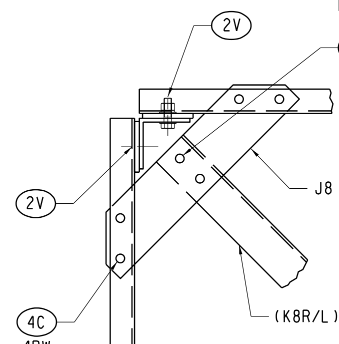
R/S118 DETAIL (8 PL)
NOT TO SCALE



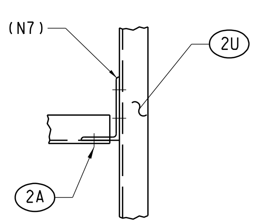
T/S118 DETAIL (10 PL)
NOT TO SCALE



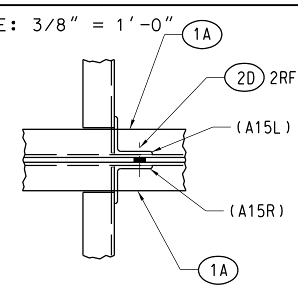
U/S118 DETAIL (13 PL)
NOT TO SCALE



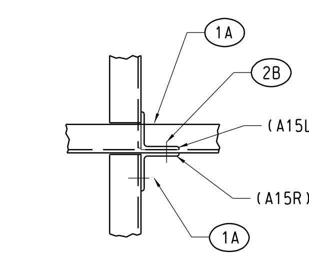
N/S118 DETAIL (3 CORNERS)
NOT TO SCALE



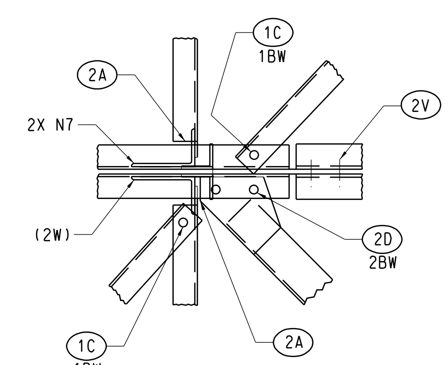
K/S118 DETAIL (12 PL.)
NOT TO SCALE



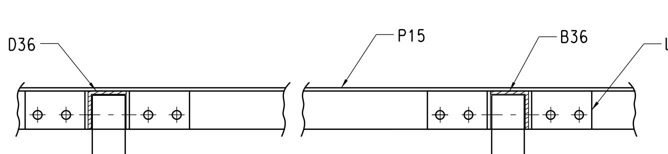
L/S118 DETAIL (8 PL)
NOT TO SCALE



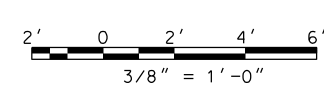
M/S118 DETAIL (15 PL)
NOT TO SCALE



P/S118 DETAIL (4 PL)
NOT TO SCALE



A/S118 SECTION
NOT TO SCALE



NOTES

1. ALL STEEL HAS BEEN FABRICATED WITH THE EXCEPTION OF THOSE MEMBERS NOTED "REPLACEMENT MEMBERS" ON PIECE SHEETS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PIECES PRIOR TO THE START OF STEEL PLACEMENT.

N

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

HARTRAMPF
7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328
HEI JOB NUMBER: 212042.00

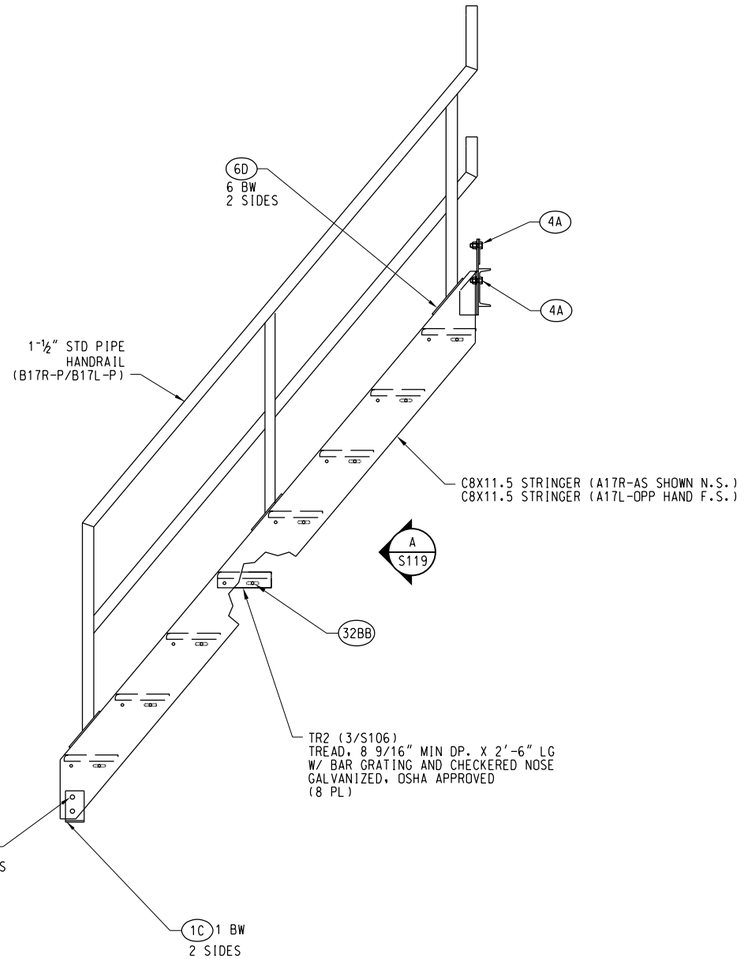
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS — EASTERN SERVICE AREA

ATCBI
ATCBI-6
TOP PLATFORM AND MEZZANINE
FLOOR FRAMING PLANS

FREEPORT — BAHAMAS

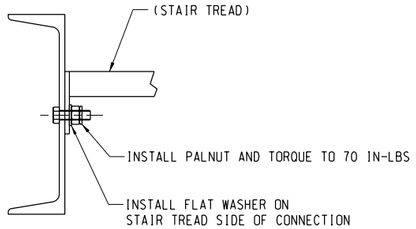
REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

DESIGNED	ISSUED BY	DATE 4/23/2012	JCN 621767
DRAWN	ENGINEERING SERVICES SURV/WEATHER	DRAWING NO BHF-D-621767-S118	REV
CHECKED			



1 / S119 STAIR - BELOW MEZZANINE FLOOR

NOT TO SCALE



A / S119 SECTION

NOT TO SCALE

2 / S119 STAIR - MEZZANINE TO TOP PLATFORM

NOT TO SCALE

NOTES

1. ALL STEEL HAS BEEN FABRICATED WITH THE EXCEPTION OF THOSE MEMBERS NOTED "REPLACEMENT MEMBERS" ON PIECE SHEETS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PIECES PRIOR TO THE START OF STEEL PLACEMENT.

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

HARTRAMPF
7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328
HEI JOB NUMBER: 212042.00

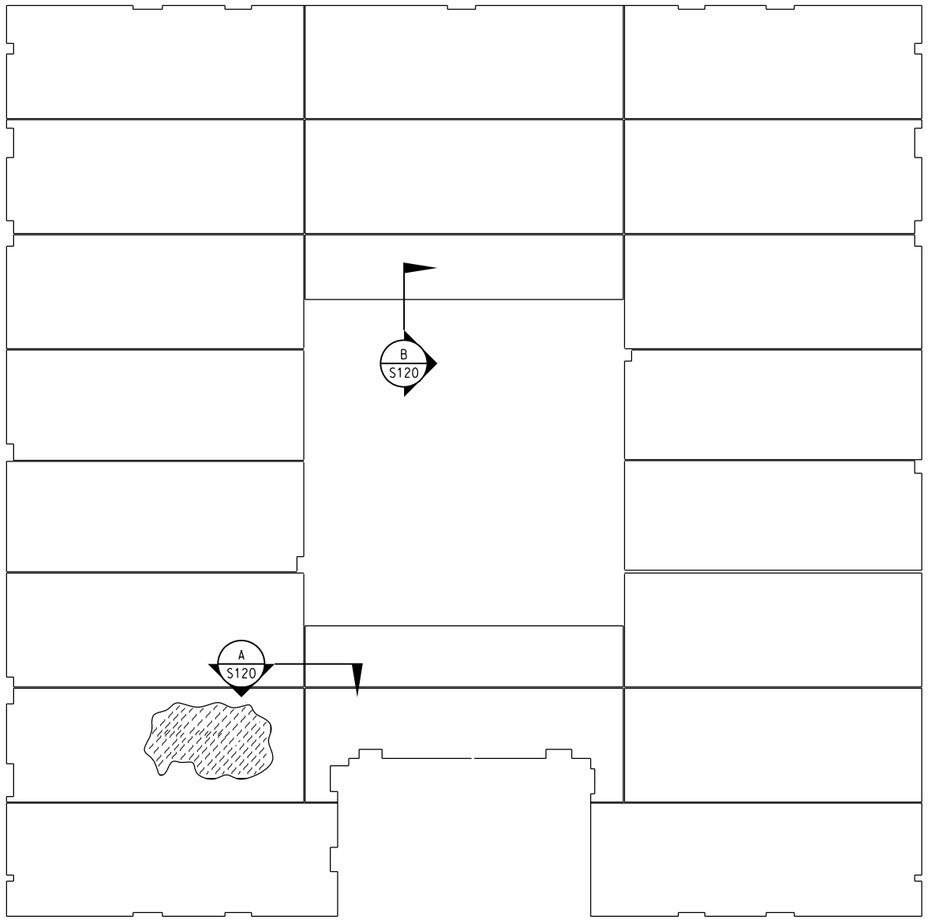
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS — EASTERN SERVICE AREA

ATCBI
ATCBI-6
MEZZANINE LEVEL
STAIR & HANDRAIL ELEVATIONS

FREEPORT — BAHAMAS

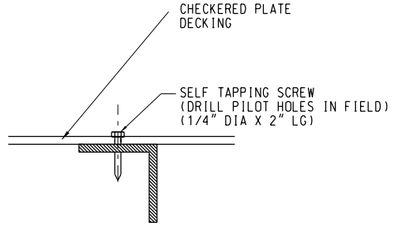
REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

DESIGNED	SNG	ISSUED BY	DATE	4/23/2012	JCN	621767
DRAWN	SNG	ENGINEERING SERVICES SURV/WEATHER	DRAWING NO	BHF-D-621767-S119		REV
CHECKED	RAB					

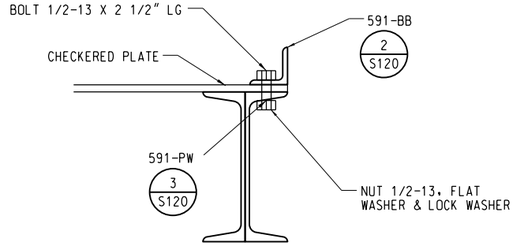


NOTE: SEE SHEET S027 FOR DECKING CALLOUTS AND DIMENSIONAL INFO NOT SHOWN.

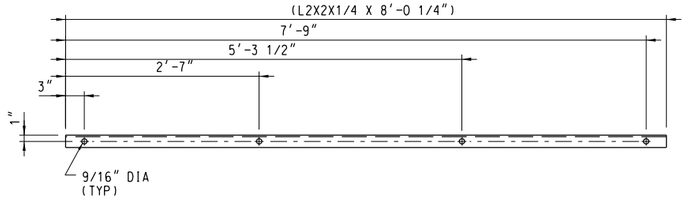
1 S120 TOP FLOOR TREADPLATE
SCALE: 1/2" = 1'-0"



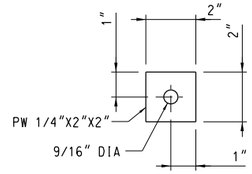
A S120 SECTION
NOT TO SCALE



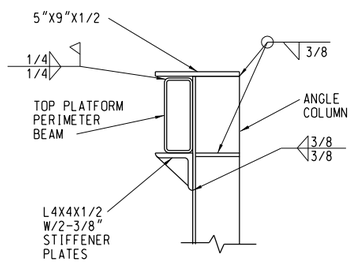
B S120 SECTION
NOT TO SCALE



2 S120 ANGLE - "591-BB"
NOT TO SCALE



3 S120 PLATE WASHER - "591-PW"
NOT TO SCALE



C S120 SECTION
NOT TO SCALE

2' 0 2' 4'
1/2" = 1'-0"

NOTES

1. ALL STEEL HAS BEEN FABRICATED WITH THE EXCEPTION OF THOSE MEMBERS NOTED "REPLACEMENT MEMBERS" ON PIECE SHEETS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PIECES PRIOR TO THE START OF STEEL PLACEMENT.

N

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

HARTRAMPF
7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328
HEI JOB NUMBER: 212042.00

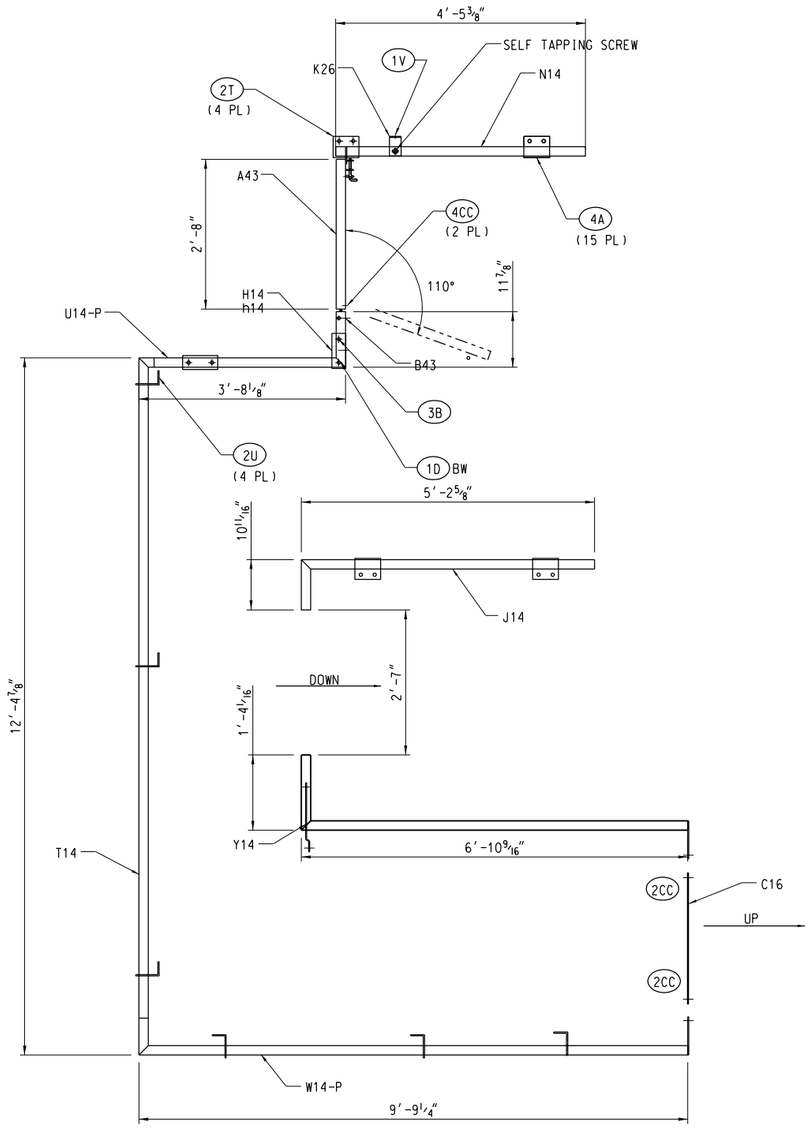
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS — EASTERN SERVICE AREA

ATCBI
ATCBI-6
TOP PLATFORM
TREADPLATE LAYOUT

FREEPORT — BAHAMAS

REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

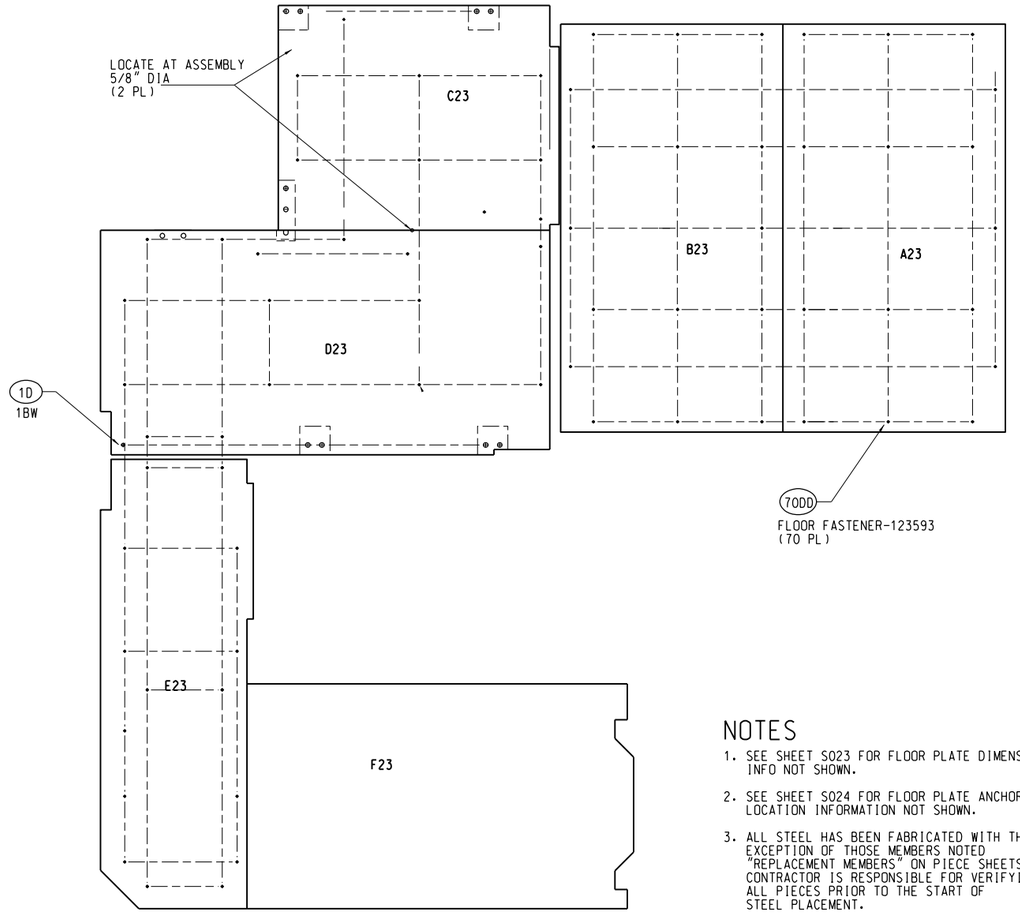
DESIGNED	SNG	ISSUED BY	DATE	4/23/2012	JCN	621767
DRAWN	SNG	ENGINEERING SERVICES SURV/WEATHER	DRAWING NO	BHF-D-621767-S120		REV
CHECKED	RAB					



NOTE: USE KEY CLAMPS ON PIPES THAT ARE NOT CAPPED

1 S121 MEZZANINE HANDRAIL LAYOUT

SCALE: 3/4″ = 1′-0″



2 S121 MEZZANINE FLOORING LAYOUT

SCALE: 3/4″ = 1′-0″

NOTES

1. SEE SHEET S023 FOR FLOOR PLATE DIMENSIONSAL INFO NOT SHOWN.
2. SEE SHEET S024 FOR FLOOR PLATE ANCHORAGE LOCATION INFORMATION NOT SHOWN.
3. ALL STEEL HAS BEEN FABRICATED WITH THE EXCEPTION OF THOSE MEMBERS NOTED "REPLACEMENT MEMBERS" ON PIECE SHEETS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PIECES PRIOR TO THE START OF STEEL PLACEMENT.

1′ 0 1′ 2′ 3′

3/4″ = 1′-0″

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

HARTRAMPF

7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328

HEJOB NUMBER: 212042.00

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

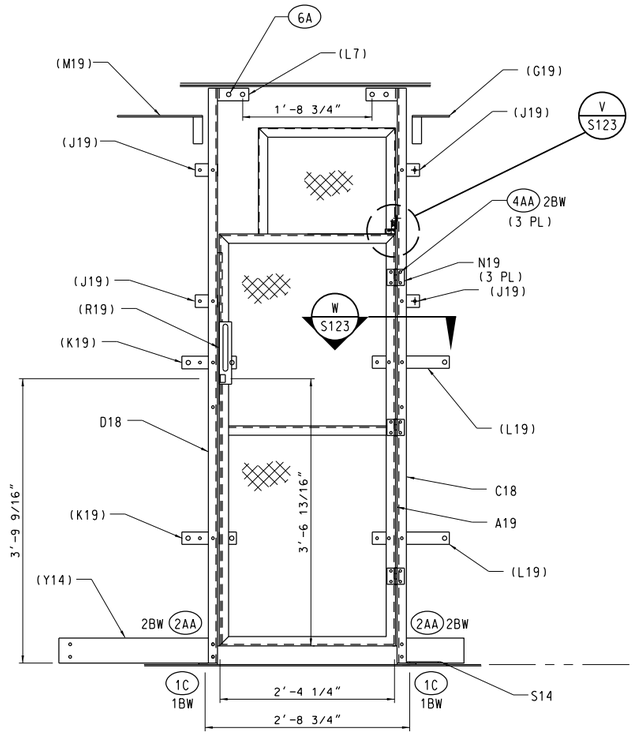
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS EASTERN SERVICE AREA

ATCBI
ATCBI-6
MEZZANINE LEVEL
TREADPLATE LAYOUT

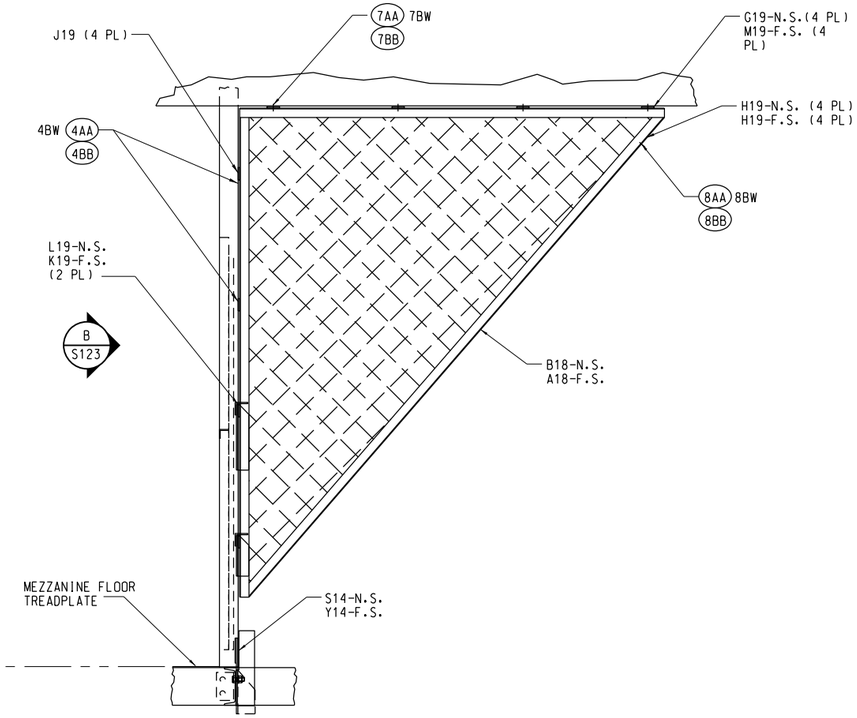
FREEPORT BAHAMAS

REVIEWED BY	SUBMITTED BY	APPROVED BY
		STEVE BRADDY

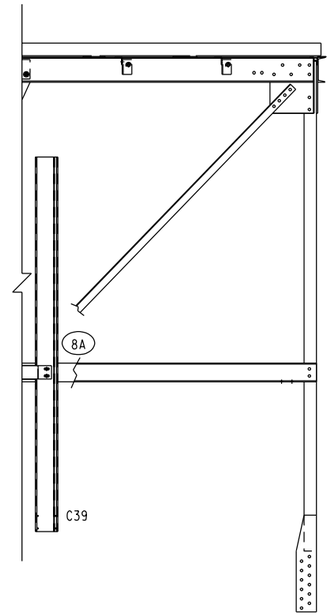
DESIGNED	SNG	ISSUED BY	DATE 4/23/2012	JCN 621767
DRAWN	SNG	ENGINEERING SERVICES SURV/WEATHER	DRAWING NO BHF-D-621767-S121	REV
CHECKED	RAB			



B S123 VIEW
NOT TO SCALE



J S123 MEZZANINE FLOOR TREADPLATE
NOT TO SCALE

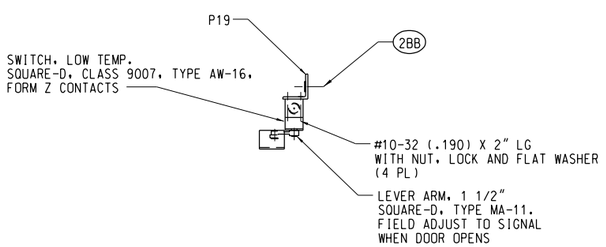


NOTE: SEE SHEETS S116 & S117 FOR BRACING SIZES NOT SHOWN.

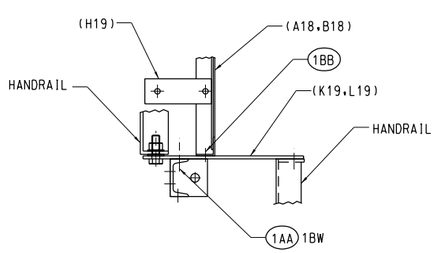
A S123 CABLE TRAY DETAIL
NOT TO SCALE

NOTES

1. ALL STEEL HAS BEEN FABRICATED WITH THE EXCEPTION OF THOSE MEMBERS NOTED "REPLACEMENT MEMBERS" ON PIECE SHEETS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PIECES PRIOR TO THE START OF STEEL PLACEMENT.



V S123 DETAIL
NOT TO SCALE



W S123 DETAIL
NOT TO SCALE

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

HARTRAMPF

7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328

HEI JOB NUMBER: 212042.00

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

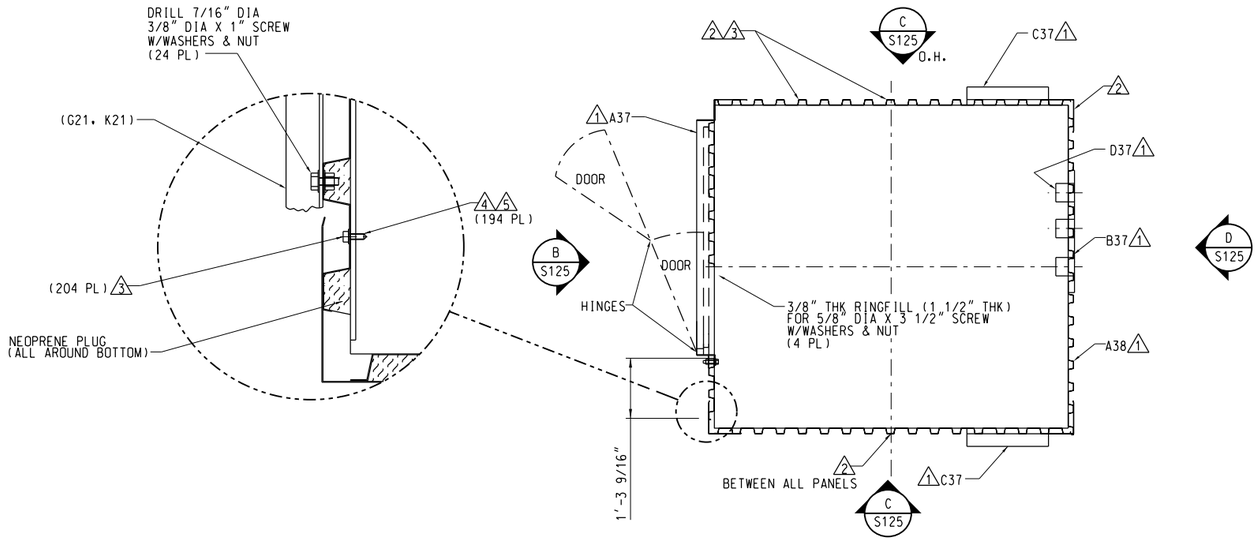
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS — EASTERN SERVICE AREA

ATCBI
ATCBI-6
MEZZANINE LEVEL
STAIR ACCESS DETAILS

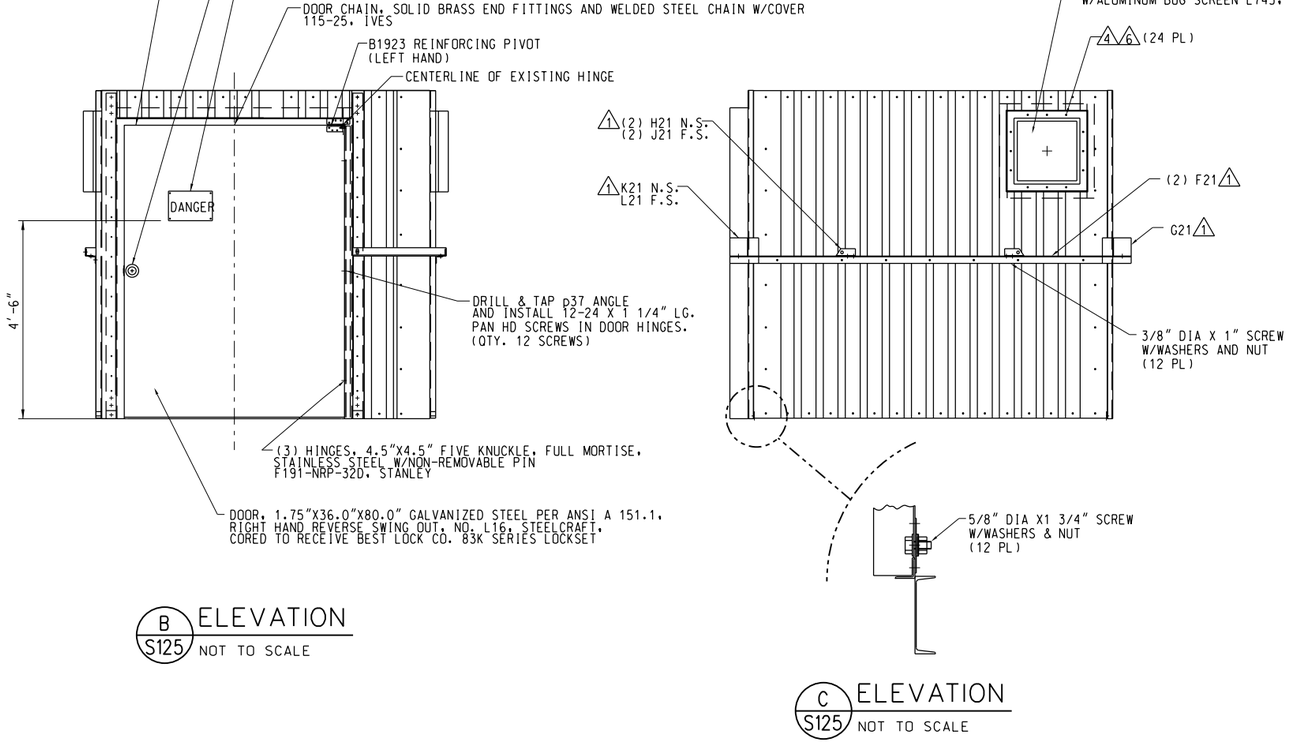
FREEPORT — BAHAMAS

REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

DESIGNED	SNG	ISSUED BY	DATE 4/23/2012	JCN 621767
DRAWN	SNG	ENGINEERING SERVICES SURV/WEATHER	DRAWING NO BHF-D-621767-S123	REV
CHECKED	RAB			

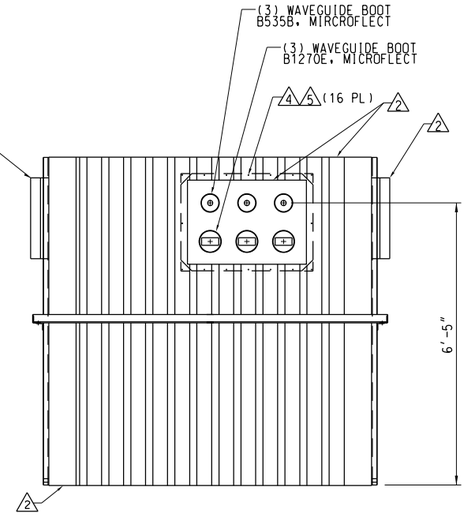


A S125 SHELTER PLAN
NOT TO SCALE



B S125 ELEVATION
NOT TO SCALE

C S125 ELEVATION
NOT TO SCALE



D S125 ELEVATION
NOT TO SCALE

NOTES:

1. SEE SHEET S037 AND S038, FOR PART DETAILS.
2. AT FINAL ASSEMBLY, CAULK ALL JOINTS WITH ALUMINUM G.E. SILICONE SEALANT 1209.
3. TEKS SCREWS, 10-16 X 3/4" LG, HEX WASHER HEAD TEKS/1, FASTEN AT 12" CENTERS. USE WITH AZTEC BONDED NEOPRENE/GALVANIZED STEEL SEALING WASHER. P/N E050020G, .200" I.D., .500" O.D.
4. TEKS SCREWS, 12-24 X 7/8" LG, HEX WASHER HEAD TEKS/4, FASTEN AT 6" CENTERS. USE WITH AZTEC BONDED NEOPRENE/GALVANIZED STEEL SEALING WASHER. P/N E056224G, .240" I.D., .562" O.D.
5. BREAK SCREW STEMS USING A HAMMER. APPLY COLD GALVANIZE PER COMSAT-RSI DRAWING 119730.
6. MATCH DRILL LOUVER/PANEL TO FRAME EQUALLY SPACED. 12 PLACES MIN.
7. PAINT USING CARBOLINE CO. POLYURETHANE 134HS, COLOR 2716 (SILVER-GRAY)

8. ALL STEEL HAS BEEN FABRICATED WITH THE EXCEPTION OF THOSE MEMBERS NOTED "REPLACEMENT MEMBERS" ON PIECE SHEETS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PIECES PRIOR TO THE START OF STEEL PLACEMENT.

SEE SEPARATE PARTS LIST SHEET S124

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

HARTRAMPF
7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328

HEJOB NUMBER: 212042.00

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS — EASTERN SERVICE AREA

ATCBI
ATCBI-6
MEZZANINE LEVEL
EQUIPMENT ROOM DETAILS

FREEPORT — BAHAMAS

REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

DESIGNED	SNG	ISSUED BY	DATE	4/23/2012	JCN	621767
DRAWN	SNG	ENGINEERING SERVICES SURV/WEATHER	DRAWING NO	BHF-D-621767-S125		REV
CHECKED	RAB					

NOTES:

1. ACCEPTABLE MATERIALS:

   A. 0.03 INCH MIN. ALUMINUM. REVERSED ETCHED PROCESS. THE BORDER, SERIAL NUMBER, REVISION AND DATE BLANKS SHALL HAVE A DULL METAL FINISH. ALL LETTERS AND NUMBERS SHALL HAVE A DEPRESSED BACKGROUND FINISHED IN BLACK ENAMEL.

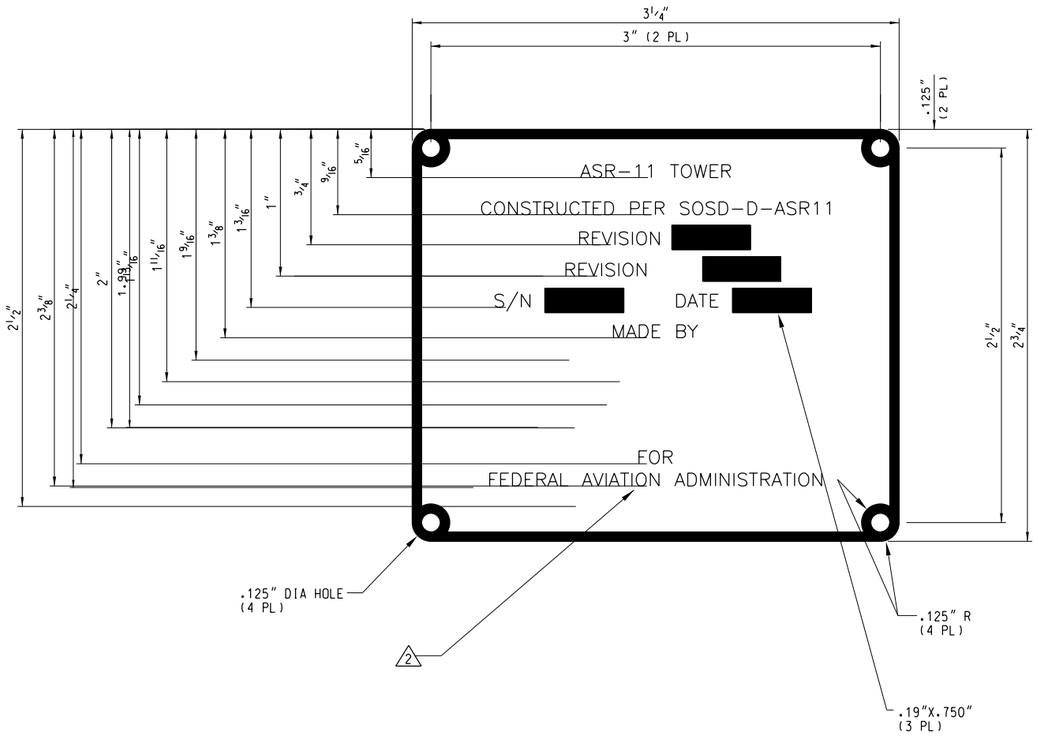
   B. 0.02 INCH MIN. PHOTOSENSITIVE ANODIZED ALUMINUM PROCESSED FOR WHITE METAL CHARACTERS WITH JET BLACK BACKGROUND. IMAGE SHALL BE SEALED IN OXIDE LAYER BY CHEMICAL TREATMENT.

2 LETTERS SHALL BE .10 INCH HIGH GOTHIC OR FUTURA CAPITALS, WITHOUT SERIFS. NUMERALS SHALL BE .10 HIGH ARABIC.

3. SERIAL NUMBERS: ENGRAVE OR DIE STAMP AT NEXT ASSEMBLY.

4. TOLERANCE ON DIMENSIONS +/- 0.010 INCH, EXCEPT HOLE SIZE AND HOLE TO HOLE SPACING +/- 0.005 INCH.

5. CHARACTER GROUPS TO BE CENTERED.



SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.

HARTRAMPF

7000 CENTRAL PARKWAY, SUITE 1475
ATLANTA, GEORGIA 30328

HEI JOB NUMBER: 212042.00

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION
ATO TECHNICAL OPERATIONS — EASTERN SERVICE AREA

ATCBI
ATCBI-6
PLATE IDENTIFICATION

FREEPORT — BAHAMAS

REVIEWED BY	SUBMITTED BY	APPROVED BY
	NEIL BOLEN	STEVE BRADDY

DESIGNED	SNG	ISSUED BY: ENGINEERING SERVICES SURV/WEATHER	DATE 4/23/2012 — JCN 621767
DRAWN	SNG		DRAWING NO BHF-D-621767-S126 — REV
CHECKED	RAB		